



S201-40-410-04
Task 3 – Pre-Demolition Hazardous Materials Survey
28 Buildings, Surplus II
Seaside, California



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TABLE OF CONTENTS

EXECUTIVE SUMMARY

	<u>PAGE</u>
1. INTRODUCTION	1
2. METHODOLOGY	4
3. RESULTS	8
4. RECOMMENDATIONS	11
5. LIMITATIONS & EXCLUSIONS	16

FIGURES

1. SITE PLAN

ASBESTOS DATA KEY

APPENDICES

A. BUILDING DATA

Hazardous Materials Summary

Asbestos Sampling Inventory

Sample and Asbestos-Containing Materials Locations Drawings

Photo Documentation

Asbestos Analytical Reports

Lead Paint XRF Sequential Reports

PCBs Analytical Reports (If Applicable)

Waste Characterization Estimate Analytical Reports (If Applicable)

EXECUTIVE SUMMARY

Vista Environmental Consulting (Vista) performed a pre-demolition hazardous materials survey for the 28 buildings of Surplus II, Seaside, California (Project Site). The buildings of the Surplus II area are part of Fort Ord which is a former United States Army post on the Monterey Bay coast which closed in 1994. The Army left behind approximately 1,600 buildings ranging in age from the early 1900's to the late 1980's. Many of the buildings are currently in a state of disrepair. These buildings are set for demolition in an effort to redevelop the area.

The survey was performed to identify and sample accessible, suspect asbestos-containing materials, representative building components for the presence of lead-containing surface coatings/lead-based paints (LCSC/LBP), Polychlorinated Biphenyls (PCBs) in light fixture ballasts and transformers/transformer pads, and other hazardous materials that may be in the path of construction for the demolition project. Vista also performed waste characterization estimate sampling for the six building types: Administration (AD), Armories (AR), Hammerheads (HH), Rolling Pins (RP), Cafeteria (CF) and Gymnasium (G).

The Hazardous Materials Summary Table, Asbestos Sampling Inventory, Sample and Asbestos-Containing Materials Locations Drawing, Photo Documentation, Asbestos Analytical Reports, Lead Paint XRF Sequential Reports, PCBs Analytical Reports (if applicable), and Waste Characterization Estimate Analytical Reports (if applicable) for each building can be found in *Appendix A – Hazardous Materials Data*. The buildings are listed in alphanumeric order.

Asbestos was found in all buildings surveyed. Prior to activities which will disturb identified or assumed asbestos, a Cal/OSHA registered and California licensed asbestos contractor must be utilized for abatement of asbestos that will be impacted. Should the removal of identified regulated asbestos-containing materials (RACM) involve at least 160 square feet or 260 linear feet, then notification to the Monterey Bay Unified Air Pollution Control District (MBUAPCD) and Cal/OSHA must be accomplished prior to the initiation of such activities.

Lead was found in all buildings surveyed. At present there is no state or federal regulation requiring mandatory lead removal or abatement prior to disturbance of building materials with identified lead paint or coatings. However, there are applicable Cal/OSHA worker protection and training requirements, Cal/EPA waste disposal requirements, CDPH requirements for public and residential buildings, and SB 460 lead hazard regulations that apply to lead-related construction activities, abatement activities and their associated wastes.

Other hazardous wastes were found in all buildings except G4480A. Vista's limited visual survey indicated that light fixtures with ballasts that may contain PCB oil are present. However, due to the limited nature of the random spot checks, Vista recommends that all ballasts be visually inspected prior to disposal to determine if they contain PCB's.

After demolition the resulting wastes may be hazardous under California and federal RCRA standards for lead and/or other metals and therefore require proper handling, packaging, labeling, and transportation under a proper manifest to a permitted hazardous waste storage, treatment and disposal facility.

The waste characterization estimate data found in this report are estimates only and cannot be used in place of waste characterization sampling after the buildings are demolished and the waste streams are segregated. Further, all surface preparation, paint removal wastes, and paint debris on the ground must be considered RCRA Class I hazardous wastes unless sampling proves otherwise.

Report prepared for the Company by:



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1.0 INTRODUCTION

Vista Environmental Consulting (Vista) performed a pre-demolition hazardous materials survey for the 28 buildings of Surplus II, Seaside, California (Project Site).

Site Background

The buildings of the Surplus II area are part of Fort Ord which is a former United States Army post on the Monterey Bay coast which closed in 1994. Fort Ord was established in 1917, originally as Camp Gigling, as a military training base for infantry troops. In 1917, the East Garrison area and nearby lands on the east side of Fort Ord were purchased to use as a maneuver and training ground for field artillery and cavalry troops stationed at the Presidio of Monterey. In the late 1930s, the administrative buildings, barracks, mess halls, tent pads, and a sewage treatment plant were constructed. In 1938, additional agricultural property was purchased for the development of the Main Garrison. At the same time, beachfront property to the west was donated to the Army. Camp Gigling became Camp Ord in 1939 and then became Fort Ord in 1940. The Main Garrison was constructed between 1940 and the 1960s, starting in the northwest corner of the base and expanding southward and eastward.

In 1990, the US Secretary of Defense announced that the military would begin a process to reduce the number of nationwide military installations and Fort Ord was one of the bases named for closure. In 1991, it was formally announced that Fort Ord would be downsized and the Defense Base Realignment and Closure Commission (BRAC91) recommended that Fort Ord be closed. The closure of most of the former Ford Ord was completed in 1994.

The Army left behind approximately 1,600 buildings ranging in age from the early 1900's to the late 1980's. Many of the buildings are currently in a state of disrepair. These buildings are set for demolition in an effort to redevelop the area.

Buildings Background

The Surplus II is comprised of 28 Buildings including 10 "Rolling Pins" (RP), 8 "Hammerheads" (HH), 5 Administration Buildings (AD), 2 Armories (AR), 1 Cafeteria (CF), and a Gymnasium (G) with an adjacent small metal structure.

The 41,000 square feet Rolling Pin buildings are located on the west and central parcels and were constructed in 1970. They are 3-story high dorm style barracks buildings with bedrooms, storage, restrooms, laundry rooms and lounge areas. Each Rolling Pin has a basement

mechanical room with a boiler and water heaters. The Rolling Pins are constructed of reinforced concrete structural components with concrete masonry unit walls. Windows are aluminum framed and interior finishes include vinyl floor tiles, ceramic floor and wall tiles, some wallboard walls and ceilings, plaster pipe chases and ceilings, and drop-in ceiling panels. Roofing is tar and gravel on concrete decks. Rooms have radiators for heat. Electrical transformers are located outside the building footprints.

The 42,000 square foot Hammerhead buildings are located on the east parcel, were constructed in 1954 and renovated in the 1970's. The handle portions are 3-story high barracks buildings with bedrooms, storage, restrooms, laundry rooms and lounge areas. Originally the east and west ends of the handle portions were open barracks style rooms that were later converted to dorm style. The head portion contains a kitchen and dining or office area. Each Hammerhead has a basement mechanical room with a hot water tank in the head. The 2 south most Hammerheads (HH4430 and HH4440) have 3 boilers in the basement. Pipes run subsurface from between the boilers to the mechanical rooms of the other buildings. Each building has an armory and storage in the basement portion of the handle. The Hammerheads are constructed of reinforced concrete structural components with concrete masonry unit walls. Windows are steel framed and interior finishes include vinyl floor tiles, ceramic floor and wall tiles, drop-in ceiling panels, some wallboard walls and plaster walls and ceilings. Roofing is tar and gravel on a concrete deck. Rooms have radiators for heat. Electrical transformers are located in the basement of the head.

The 3 small Administration buildings (5,700 square feet each) are located on the north side of the east parcel and were constructed in 1954 and renovated in the 1970's. The 2 large Administration buildings (8,300 square feet each) are located on the north side of the central parcel. The original use of the buildings was for training as evidenced by two projection booths adjacent to the restrooms. All buildings are 1-story with concrete masonry structural walls on a concrete slab foundation. The large buildings have a mechanical room with a boiler and hot water heater. The small buildings have no mechanical rooms and are fed hot water via subsurface piping from the Hammerheads. All buildings have two forced air heaters located on the opposite side of the wall from the restrooms. Windows are steel framed and interior finishes include vinyl floor tiles, ceramic floor and wall tiles, drop-in ceiling panels, wallboard walls and ceilings. Roofing is 3-tab shingle on a wood deck.

The 2 Armories buildings (12,200 square feet each) are located on the northeast and northwest sides of the central parcel and were built in 1970. Building AR4450 is currently being used by the City of Seaside. Both buildings are 1-story with concrete masonry structural walls on a

concrete slab foundation. They have a mechanical room with a boiler and hot water heater. Windows are steel framed and aluminum framed and interior finishes include vinyl floor tiles, ceramic floor tiles, wallboard walls and ceilings. Roofing is tar and gravel on a metal deck.

The 12,000 square foot Cafeteria building is located on the southeast side of the central parcel and the 21,000 square foot Gymnasium building is located on the north side of the west parcel. Both were built in 1970. Both buildings are 1-story with concrete masonry structural walls on a concrete slab foundation. They have a mechanical room with a boiler and hot water heater. Windows are steel framed and aluminum framed and interior finishes include vinyl floor tiles, ceramic floor tiles, and wallboard and plaster walls and ceilings. Roofing is tar and gravel on a metal deck.

Survey

The purpose of this survey was to identify hazardous building materials so they can be removed, waste characterized, and properly disposed of prior to being impacted by demolition activities. The data provided in this report can assist all parties involved in this project to make informed decisions with regards to regulatory compliance and the health and safety of their employees. This survey included the following:

- Visible and accessible suspect asbestos-containing materials (ACM) were assessed and sampled to determine asbestos content.
- Representative painted and coated building components were assessed and categorized based upon standard selective demolition practices and sampled for lead content which can be used for worker protection estimates.
- Waste characterization estimate sampling for the four building types: Hammerhead (HH), Rolling Pin (RP), Administration (AD)/Armory (AR), Cafeteria (CF)/Gymnasium (G).
- Polychlorinated Biphenyls (PCBs) assessment including the collection of one sample of light ballast capacitor oil from each building, one of oil from oil based transformers, and one from concrete adjacent to the transformer, where applicable.
- Visible and accessible materials with the potential to have hazardous properties that are regulated and are commonly found in buildings were assessed, but not sampled. These materials include, but are not limited to:
 - Universal Waste (UW) materials, such as non-incandescent lamps, batteries, mercury-containing devices, and electronic waste;

- Devices which may contain ozone depleting chemicals, such as Heating, Ventilation and Air Conditioning (HVAC) systems, refrigerators, freezers, and water coolers/fountains;
- Fire suppression system chemicals such as Halon;
- Low-level radioactive sourced devices such as smoke detectors and exit signs;
- Visible mold growth and animal fecal matter.

2.0 METHODOLOGY

Vista performed the hazardous materials survey from February 15, 2016 to April 28, 2016. Additional sampling was performed on May 6 & 10, 2016. The asbestos survey was conducted by Christopher Burns (#92-0224) a State of California Division of Occupational Safety and Health (Cal/OSHA) Certified Asbestos Consultant. Assisting on the survey was Javier Rocha, a Cal/OSHA Certified Site Surveillance Technician (#02-3244). The lead paint screening survey was conducted by Christopher Burns, who has a Lead-Related Construction Certificate as an Inspector/Assessor (LRCIA #-663) issued by the State of California Department of Public Health (CDPH).

Sub-surface areas were not included as part of this survey, hence no excavation was conducted to discover buried asbestos utility piping concealed below the surface. The project site was not assessed for the presence of Naturally Occurring Asbestos in the soil. Areas outside of ten feet from the building footprint were not assessed. The Project Site conditions may change from those outlined in this report as a result of natural and man-made causes.

2.1 *Asbestos*

The asbestos survey was performed generally in accordance with the AHERA protocol (40 CFR Part 763, Subpart E). Visual identification was performed by assessing visible and accessible structural, architectural, and mechanical components for the presence of suspect ACM at the Project Site.

This ACM survey was conducted in the following manner:

- Suspect ACM was categorized into homogeneous materials. A homogeneous material is defined as being a surfacing material, thermal system insulation, or miscellaneous material which is uniform in color and texture. It may also be additionally subcategorized using the date of installation, when available.

- A sampling scheme was developed based upon the location and quantity of the suspect homogeneous ACM. A rough order of magnitude estimate of each suspect homogeneous ACM was calculated and recorded for future reference. A sampling scheme, including a specific number of samples per suspect homogeneous ACM, was calculated prior to sampling.
- Sampling guidelines established by the United States Environmental Protection Agency (USEPA) were utilized for sampling each suspected homogeneous ACM. Methods described in Appendix K of 8 California Code of Regulation (CCR) 1529 were utilized in the collection of each suspect homogeneous ACM sample.
- Trained California asbestos certified personnel, using appropriate sampling tools and 3” long stainless steel cores, sterile leak-tight Whirl-pak® containers or equivalent, collected building materials that were suspected to contain ACM.
- Each suspect ACM sample was collected and sealed in a container and appropriately labeled with a unique sample identification number and recorded on an asbestos bulk sampling log. Each log contains a chain-of-custody to assure the proper transition of the samples from VISTA to the analytical laboratory.
- Sampling tools were decontaminated by using a clean wet cloth between the collection of each suspect sample to prevent the possibility of cross contamination to subsequent suspect ACM samples.

Suspect ACM samples were delivered, under proper chain-of-custody protocol, to Forensic Analytical Laboratories (FAL) in Hayward, California. FAL is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) and the California Environmental Laboratory Accreditation Program (Cal-ELAP). The samples were submitted for analysis by Polarized Light Microscopy (PLM) utilizing dispersion staining techniques in accordance with the EPA’s “Method for the Determination of Asbestos in Bulk Building Materials” U.S. EPA/600/R-93/116, Visual Area Estimate, dated July 1993 and adopted by the NVLAP as Test Method Code 18/A01.

Representative samples of “trace” asbestos materials were further analyzed by 400-point bulk asbestos point count utilizing National Emission Standards for Hazardous Air Pollutants (NESHAP) Final Rule, 40 CFR, Part 61 methodology.

2.2 *Lead*

Vista’s lead construction screening survey used an X-Ray Fluorescence (XRF) direct read spectrum analyzer device to take readings of representative painted and coated surfaces for

evaluation of lead levels for worker health and safety and preliminary waste characterization prior to construction activities. The device used was a NITON Corporation XRF Spectrum Analyzer, Model XLP- 300 A. This device is a solid-state detector optimized for lead L-shell and K-shell X-ray detection and uses a 40 mCi ¹⁰⁹Cd (1,480 Mbq) isotope for an excitation source.

This survey was a limited screening for the purpose of characterizing the lead content in paint and coatings likely to be disturbed during work activities. For this purpose, XRF analysis was used to screen for lead levels and provides results that are generally representative of typical conditions but are not inclusive of all painted/coated surfaces present at the Project Site. This survey was not a surface by surface inspection as outlined in the U.S. Department of Housing and Urban Development (HUD) Guidelines For the Evaluation and Control of Lead-Based Paint Hazards in Housing pursuant to Title X of the Housing and Community Development Act of 1992. These analytical data can be helpful in evaluation of lead-related environmental risks in general, but cannot be used to calculate worker exposures and is not a substitute for employee exposure monitoring or waste stream sampling.

Lead-Based Paint (LBP) is defined by CDPH as any paint containing lead levels exceeding 0.5 wt % (or 5000 parts per million) via paint chip sampling or 1.0 milligrams per centimeter squared (mg/cm²) or greater via X-Ray Fluorescence (XRF) direct read instrument sampling. Cal/OSHA rules apply to “any detectable concentration of lead” without a specified detection level.

2.3 *Other Hazardous Materials*

Devices with potential hazardous materials were visually identified during the survey walk-through and their quantities were estimated and recorded. No attempt was made to disassemble devices or sample suspect materials within the devices. For example, fluorescent light fixtures must be presumed to contain Universal Waste lamps, and ballasts which contain PCB oil are electronic waste, pending removal and disassembly of each unit to determine explicit product specific information that proves otherwise.

Vista’s limited PCBs sampling of capacitor oils in ballasts, transformer oils and adjacent concrete transformer pads used the following documents for reference:

- *Title 40, CFR Part 761-Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution In Commerce, And Use Prohibitions, United States Environmental Protection Agency (EPA), 7-1-11 Edition (40 CFR 761)*

- *Region 1, Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCB), May 2011*

Concrete samples were collected beneath the transformer oil pots. A one-inch carbide drill bit was used with a rotary impact hammer drill to generate a sample. Samples were collected from a depth of 0 - 0.5 inches, and multiple holes located closely adjacent to each were needed to generate sufficient sample volumes for a PCB determination. The laboratory crushed the concrete samples to a fine powder suitable for extraction and analysis.

All samples were placed in glass sample containers with Teflon-lined caps. Sample numbers and locations were recorded on a chain-of custody that accompanied the samples to the laboratory. Sample locations were recorded on a diagram and were marked and photographed, when possible. Samples were placed in coolers and shipped or delivered refrigerated with ice.

Decontamination procedures between samples for heavily contaminated sampling utensils included the use of two decontamination buckets. The first bucket contained a detergent and potable water solution, and the second bucket was used for rinsate. All heavily contaminated sampling tools were placed in the detergent and water bucket. Each piece was scrubbed thoroughly using a scrub brush. Next, each piece was rinsed with water and hexane. The rinsed pieces were placed on clean paper towels, individually dried and inspected. All pieces were dry prior to reuse. Lightly contaminated sampling utensils were wiped with a hexane soaked cloth and hexane rinsed for decontamination.

All samples were delivered under proper chain-of-custody protocol to Test America Laboratories, Inc., 1220 Quarry Lane, Pleasanton, California. Samples were extracted using USEPA Method 3550B from EPA's SW-846, followed by analysis of the extracts for PCBs by USEPA Method 8082 from SW-846.

2.4 *Waste Characterization Estimate*

The sampling methodology for the Cam 17 metals waste characterization estimates was to group all the buildings within the project site into similar construction types. One building from each group was sampled. Then one sample of interior paint, one sample of exterior paint, one sample of ceramic tiles and mortar beds, and one sample of "other" building components were collected. "Other" building components were classified and estimates of percentage by weight of the component materials were calculated and recorded.

Painted and unpainted metal was not included, because metal is usually salvaged and recycled during demolition projects. Asbestos-containing materials were not included since these materials must be removed before demolition activities. Concrete was not included since this material is usually salvaged and recycled. Materials stored on the Project Site that were not part of the building structure were not accessed.

Samples were delivered, under proper chain-of-custody protocol, to Forensic Analytical Laboratory in Hayward, California. This laboratory is accredited under American Industrial Hygiene Association (AIHA), the Environmental Lead Laboratory Accreditation Program (ELLAP), and the California Department of Public Health (CDPH) for multiple metals analysis.

The TTLC (Total Threshold Limit Concentration) samples were prepared by EPA Method 3050B. The STLC (Soluble Threshold Limit Concentration or “Wet Test”) samples were prepared by the “WET Extraction” method. The TCLP (Toxicity Characteristic Leaching Procedure) samples were prepared by EPA Method 1311. All samples were analyzed by EPA Method 7420, Flame Atomic Absorption.

3.0 RESULTS

The following buildings were surveyed and contain the following hazardous materials:

Building	Asbestos	Lead-Based Paint	Universal Waste	PCBs
AD4408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AD4418	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AD4438	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AD4550	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AD4560	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AR4450	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AR4458	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CF4453	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
G4480	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
G4480A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No	No
HH4430	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HH4432	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HH4434	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HH4436	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Building	Asbestos	Lead-Based Paint	Universal Waste	PCBs
HH4440	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HH4442	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HH4444	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HH4446	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4451	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4452	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4454	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4456	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4457	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4466	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4467	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4469	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4471	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RP4472	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Waste Characterization Estimate Summary:

Administration/Armories

Type	Analyte	Result	Estimated Disposal Classification
Interior Paint	Lead	TTLC=390 mg/kg STLC=40 mg/l TCLP=1.2 mg/l	Non-RCRA California Class I Hazardous Waste
Exterior Paint	Lead	TTLC=6900 mg/kg STLC=130 mg/l TCLP=4.5 mg/l	Non-RCRA California Class I Hazardous Waste
Ceramic Tiles/Mortar Bed	Lead	TTLC=NA STLC=NA TCLP=NA	Class III Non-Hazardous Waste (Construction Debris)
Other: 84% CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1% Painted Wood (% by Weight)	Lead	TTLC=170 mg/kg STLC=6.3 mg/l TCLP=<0.3 mg/l	Non-RCRA California Class I Hazardous Waste

Cafeteria/Gymnasium

Type	Analyte	Result	Estimated Disposal Classification
Interior Paint	Lead	TTLIC=210 mg/kg STLC=3.7 mg/l TCLP=1.2 mg/l	Class III Non-Hazardous Waste (Construction Debris)
Exterior Paint	Lead	TTLIC=520 mg/kg STLC=10 mg/l TCLP=<0.3 mg/l	Non-RCRA California Class I Hazardous Waste
Ceramic Tiles/Mortar Bed	Lead	TTLIC=NA STLC=NA TCLP=NA	Class III Non-Hazardous Waste (Construction Debris)
Other: 85% CMU, 7% Roofing, 8% Plaster/Stucco/Wallboard/Wood, (% by Weight)	Lead	TTLIC=57 mg/kg STLC=<0.7 mg/l TCLP=<0.3 mg/l	Class III Non-Hazardous Waste (Construction Debris)

Hammerheads

Type	Analyte	Result	Estimated Disposal Classification
Interior Paint	Lead	TTLIC=4600 mg/kg STLC=210 mg/l TCLP=13 mg/l	RCRA Federal Class I Hazardous Waste
Exterior Paint	Lead	TTLIC=4000 mg/kg STLC=37 mg/l TCLP=1.2 mg/l	Non-RCRA California Class I Hazardous Waste
Ceramic Tiles/Mortar Bed	Lead	TTLIC=230 mg/kg STLC=0.8 mg/l TCLP=<0.3 mg/l	Class III Non-Hazardous Waste (Construction Debris)
Other: 94% CMU, 4% Roofing, 2% Plaster/Stucco/Wallboard/Wood, (% by Weight)	Lead	TTLIC=130 mg/kg STLC=5.7 mg/l TCLP=<0.3 mg/l	Non-RCRA California Class I Hazardous Waste

Rolling Pins

Type	Analyte	Result	Estimated Disposal Classification
Interior Paint	Lead	TTLc=360 mg/kg STLc=190 mg/l TCLP=21 mg/l	RCRA Federal Class I Hazardous Waste
Exterior Paint	Lead	TTLc=120 mg/kg STLc=1.8 mg/l TCLP=<0.3 mg/l	Class III Non-Hazardous Waste (Construction Debris)
Ceramic Tiles/Mortar Bed	Lead	TTLc=NA STLc=NA TCLP=NA	Class III Non-Hazardous Waste (Construction Debris)
Other: 95% CMU, 4% Roofing, 1% Plaster/Stucco/Wallboard/Wood, (% by Weight)	Mercury	TTLc=4.2 mg/kg STLc=0.03 mg/l TCLP=<0.02 mg/l	Class III Non-Hazardous Waste (Construction Debris)

The Hazardous Materials Summary Table, Asbestos Sampling Inventory, Sample and Asbestos-Containing Materials Locations Drawing, Photo Documentation, Asbestos Analytical Reports, Lead Paint XRF Sequential Reports, PCBs Analytical Reports (If Applicable), and Waste Characterization Estimate Analytical Reports (If Applicable) for each building can be found in *Appendix A – Hazardous Materials Data*. The buildings are listed in alphanumeric order.

Sub-surface asbestos insulated heating piping is assumed to be present between Hammerhead buildings. Sub-surface utility piping is assumed to be present throughout the Project Site.

4.0 RECOMMENDATIONS

4.1 *Asbestos*

Work performed during any activities that disturb the asbestos-containing materials identified in this report must be done in compliance with the most recent edition of all applicable federal, state, and local regulations, standards, and codes governing abatement, transport, and disposal of asbestos-containing materials. Materials encountered in the building that are not part of this report must be properly sampled for the content of asbestos or assumed to be asbestos containing prior to any disturbance.

Prior to activities which will disturb identified or assumed asbestos, a Cal/OSHA registered and California licensed asbestos contractor must be utilized for abatement of asbestos that will be impacted. Vista recommends that all abatement operations be conducted under the direction of a California Certified Asbestos Consultant.

Should the removal of identified regulated asbestos-containing materials (RACM) involve at least 160 square feet or 260 linear feet, then notification to the Monterey Bay Unified Air Pollution Control District (MBUAPCD) and Cal/OSHA must be accomplished prior to the initiation of such activities.

4.2 *Lead*

At present there is no state or federal regulation requiring mandatory lead removal or abatement prior to disturbance of building materials with identified lead paint or coatings. However, there are applicable Cal/OSHA worker protection and training requirements, Cal/EPA waste disposal requirements, CDPH requirements for public and residential buildings, and SB 460 lead hazard regulations that apply to lead-related construction activities, abatement activities and their associated wastes. The following is a brief discussion and summary of applicable regulatory requirements:

◆ **Cal/OSHA:** Title 8, California Code of Regulation (CCR), Section 1532.1 (8 CCR 1532.1) governs occupational exposure to lead. This regulation requires that prior to initiation of certain activities, referred to as “trigger tasks”, workers must be trained, medically evaluated, and properly fitted with respiratory protection and protective clothing until statistically reliable personal eight-hour time weighted average (TWA) results indicate lead exposure levels below the Personal Exposure Limit (PEL) for each unique task which disturbs lead-based and lead-containing coatings. This process is known as a Negative Exposure Assessment or NEA.

If the result of the exposure assessment is above the Action Level (AL) additional monitoring is required and if the result is above the PEL additional exposure monitoring, worker protection (including respirator protection and PPE), training and medical requirements apply. However even where the NEA criteria is met, certain hazard communication training and work practice controls still apply where lead is disturbed. “Trigger tasks” are tasks that are assumed to exceed the PEL pending an exposure assessment and they encompass the majority of construction activities that disturb surface coatings. Examples of “trigger” tasks range from manual paint scraping as a lower expected exposure up to hot work and abrasive blasting as the highest

expected exposures, and include any non-listed task that the employer determines may potentially expose employees to lead levels above the AL.

“OSHA does not consider any method that relies solely on the analysis of bulk materials or surface content of lead (or other toxic material) to be acceptable for safely predicting employee exposure to airborne contaminants. Without air monitoring results or without the benefit of historical or objective data (including air sampling which clearly demonstrates that the employee can not be exposed above the action level during any process, operation, or activity) the analysis of bulk or surface samples can not be used to determine employee exposure.” - OSHA Standard Interpretation May 8, 2000.

OSHA states that these rules apply to “any detectable concentration of lead” without a specified detection level. Due to the Consumer Product Safety Commission currently allowing paint to contain up to 90 parts per million (ppm) or 0.009 wt% of lead, the variation of lead content due to aging and weathering, and the variation of detection limits associated with analysis of bulk materials, such as paint chips and surface content analysis via XRF, it is recommended that all painted or coated surfaces be treated as potentially containing lead. Positive analytical results by either method can be used to indicate that detectable lead is present but negative results cannot be interpreted as conclusively demonstrating the absence of lead.

Analytical data from analysis of bulk materials or surface content of lead can be helpful in evaluation of lead-related environmental risks in general but cannot be used to calculate worker exposures and are not a substitute for employee exposure monitoring. As a result, any employee that works around potential lead-based or lead-containing coatings must have HAZCOM training and personal exposure air monitoring is additionally required for employees that disturb such coatings. Significant additional certification, notification, and work practices are required for materials found to be lead-based.

Any welding, cutting or heating of metal surfaces containing surface coatings should be conducted in accordance with 29 CFR 1926.354 and 8 CCR 1537. These regulations require surfaces covered with toxic preservatives, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application.

◆ **Cal/EPA** through the Division of Toxic Substance Control (DTSC) regulates disposal of lead hazardous waste (22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes). DTSC has issued guidance indicating that architectural debris with intact lead paint is normally expected to be handled as general construction waste.

However, waste stream segregation and analysis is still required for all lead painted or coated debris regardless of if the paint or coating is intact on a building component or not. The resulting wastes may be hazardous under California and federal RCRA standards for lead and therefore require proper handling, packaging, labeling, and transportation under a proper manifest to a permitted hazardous waste storage, treatment and disposal facility.

◆ **CDPH:** The Department of Public Health (CDPH) has specific requirements (Title 17 Sections 35001 thru 36100 et. al.) for hazard assessment and work in public or residential structures in regards to lead-based paint. These regulations require special certifications, work practices, and notification for such activities.

◆ **Senate Bill 460 (SB 460):** An act to amend Section 1941.1 of the Civil Code, and to amend Sections 17961, 17980, and 124130 of, and to add Sections 17920.10, 105251, 105252, 105253, 105254, 105255, 105256, and 105257 to, the Health and Safety Code, relating to lead abatement. This bill allows for fines and criminal penalties to be levied on any person who is found to have performed lead abatement without containment or created a measurable “lead hazard” based upon current CDPH standards. A “lead hazard” means deteriorated lead-based paint, lead contaminated dust, lead contaminated soil, disturbing lead-based paint or presumed lead-based paint without containment, or any other nuisance which may result in persistent and quantifiable lead exposure.

Vista recommends that all parties coming into contact with paint that has detectable lead content follow all applicable federal, state and local regulations relating to employee health and safety and proper disposal of generated wastes.

4.3 *Other Hazardous Materials*

All potential and identified Universal Waste materials (UW) impacted by the work should be removed and recycled or disposed of in accordance with the UW guidelines established by the DTSC, as stated in 22 CCR Sections 66261.9 and 66273.1 thru 66273.90.

Vista’s limited visual survey indicated that light fixtures with ballasts that may contain PCB oil are present. However, due to the limited nature of the random spot checks, Vista recommends that all ballasts be visually inspected prior to disposal to determine if they contain PCB’s. Those ballasts marked No PCB’s or PCB Free can be considered as such as should be treated as UW - electronic waste.

All PCB-containing devices, including, but not limited to ballasts and transformers, should be removed or have the oils removed and properly handled, collected, stored, transported and recycled or disposed of by an approved recycling or disposal facility in accordance with the requirements of Title 22 CCR 67426.1. Non-porous materials in contact with PCBs should be decontaminated in accordance with 40 CFR 761, Subpart S—Double Wash/Rinse Method for Decontaminating Non-Porous Surfaces.

Devices containing ozone depleting chemicals, low-level radiation, and halon should be collected, waste characterized, disposed or recycled according to California rules and regulations.

All personnel who perform hazardous materials work must be trained and qualified to do so. They must also follow the most current OSHA regulations including 29 CFR 1910.120 and 8 CCR 5192, Hazardous Waste Operations and Emergency Response, as well as other applicable federal, state and local laws and regulations.

4.4 *Waste Characterization Estimate*

Waste stream segregation and analysis is required in accordance with 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes for all paint or coating debris regardless of if the paint or coating is intact. The resulting wastes may be hazardous under California and federal RCRA standards for lead and/or other metals and therefore require proper handling, packaging, labeling, and transportation under a proper manifest to a permitted hazardous waste storage, treatment and disposal facility.

The waste characterization estimate data found in this report are estimates only and cannot be used in place of waste characterization sampling after the buildings are demolished and the waste streams are segregated. Further, all surface preparation, paint removal wastes, and paint debris on the ground must be considered RCRA Class I hazardous wastes unless sampling proves otherwise.

5.0 LIMITATIONS & EXCLUSIONS

Quantities and locations are based upon areas that were accessed. Materials similar those in this report may be present in areas which were not accessed. Because of this Vista recommends including line item pricing, allowances, and/or additive/deductive wording to bid sheets for unforeseen conditions.

All material quantities reported herein are rough order of magnitude estimates and should not be used for bidding purposes. All contractors are responsible for accurately determining quantities and locations of materials identified. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, PRIOR to bidding.

Respectfully Submitted,
Vista Environmental Consulting



Christopher R. Burns
Senior Project Manager
CAC #92-0224
LRCIA #663

Reviewed and Approved



Charles R. Bove
Principal
CAC #92-0160

FIGURE 1
SITE PLAN



ASBESTOS DATA KEY

Asbestos Data Key

Homogeneous Identification (Homo. ID) letters found in the Hazardous Material Summary and Asbestos Sampling Inventory correspond to sample identification numbers found on the Sample Location Drawings (Red Rectangles with Homo. ID and samples number(s)) and Asbestos Analytical Reports (building number with the Homo. ID and sample numbers(s)). Materials that contain asbestos will be found on the Material location Drawings with the Homo. ID inside a blue circle.

For example: in Building “1234”, “3” samples were taken of an asbestos containing material with Homo. ID “A”. The Hazardous Materials Summary will have this material in the Asbestos table with description, location, regulatory classifications and estimated quantities. The Asbestos Sampling Inventory will have this material listed with description and the number of samples taken (3). The Sample Location Drawing will have “A01”, “A02” and “A03” drawn on the map with an arrow to the location of each sample. The Material Location Drawings will have “A” in either the specific location where the material can be found or a written description of the material location. The Asbestos Analytical Reports will have “1234-A01”, “1234-A02” and “1234-A03” listed with the type and percent amount of asbestos in the material.

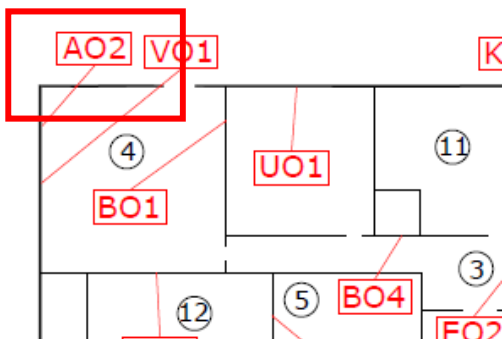
See below for visual examples of Asbestos Sample Identification methodology:

Asbestos Summary for Building AD4560 – Showing Homogenous ID (A)

Asbestos

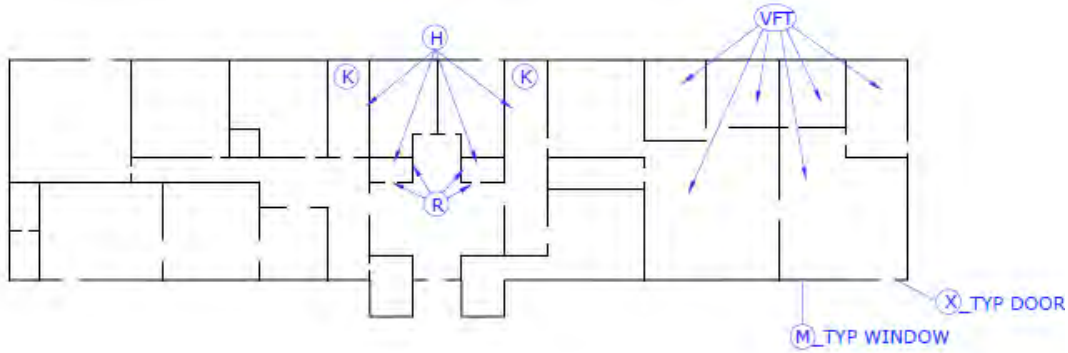
HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Wallboard/Joint Compound	White/White	Throughout Except Projection Booths	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	7,500 SF
VFT (F, G & L)	Vinyl Floor Tile	9" Green, Brown, and Black	East Offices	Class II	Category I - Non-Friable	1,675 SF

Sample Location Drawing for Building AD4560 – Tag (A02) Combines Homogeneous ID (A) and Sample # (02)



Asbestos Data Key

Material Location Drawing for Building AD4560 – Bubble identifies location of asbestos-containing Homogeneous Material by ID (A)



(A) THROUGHOUT EXCEPT PROJECTION BOOTHS

 (O) ROOF

Sample Analysis (Bulk & Point Count) showing Building # (AD4560) Homogeneous ID (A) and Sample # (02)

Date(s) Collected: 02/15/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer
AD4560-A-01	11732514		
Layer: White Drywall			ND
Layer: Off-White Joint Compound		Chrysotile	2 %
Layer: Paint			ND
Total Composite Values of Fibrous Components:		Asbestos (Trace)	
Cellulose (20 %) Fibrous Glass (10 %)			
AD4560-A-02	11732515		
Layer: White Drywall			ND
Layer: Off-White Joint Compound		Chrysotile	2 %
Total Composite Values of Fibrous Components:		Asbestos (Trace)	
Cellulose (20 %) Fibrous Glass (10 %)			

Bulk Sample Log (Chain of Custody) showing Building # (AD4560) Homogeneous ID (A) and Sample # (02)

LOCATION: AD4560 PROJECT NUMBER: 161091001
 SAMPLED BY: CB/JR CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4560	A	01	WBKJC	WHITE/WHITE	WALLS	
AD4560	A	02	↓	↓	↓	
AD4560	B	01	TEXTURE COAT	WHITE, SMALL	WALLS	

APPENDIX A
BUILDING DATA

BUILDING AD4408



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING AD4408

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Wallboard/Joint Compound	White/White	Throughout Except Projection Booths. This material is damaged in spots with visible debris on the floor.	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	11,500 SF
I	Basecove/Mastic	4" Black/Yellow and Brown	Central Training Room and Adjacent Hallway	Class II	Category I - Non-Friable	16 SF (187 LF)
VFT/M (D, J, L, M, N, O, Q)	Vinyl Floor Tile/Mastic	9" Beige, Green, Maroon, White, Red, Aqua, 12" White/Black	Throughout Except Restrooms, East Projection Booth, Mechanical Room and North Central Storage Rooms. This material may be under carpeting and walls.	Class II	Category I - Non-Friable	6,600 SF
P	Insulation	White, Fire Door	Lobby into Projection Booths	Unclassified	Friable (RACM when Removed)	62 SF (4 Each)
V	Flex Connector	White, HVAC	HVAC Units	Class II	Friable (RACM when Removed)	12 SF (4 Each)
W	Cement Pipe	6" O.D, Gray	Attic Space to Roof: Above Projection Booths, HVAC, and Mechanical Room	Class II	Category II - Non-Friable	50 SF (5 Each)
X	Texture Coat	White, Medium	East Rooms and West Central Rooms	Unclassified (ACCM)	NA (Layer <1% by Point Count)	3,950 SF
CC	Heat Shield	Gray, Round Light	Foyers to West Central Restrooms	Class II	Friable (RACM when Removed)	2 SF
EE	Mastic	Gray & Black, Roof	Roof	Class II	Category I - Non-Friable	30 SF

BUILDING AD4408 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
FF	Mastic	Gray, Expansion Joints	Exterior Walls Near West Central Entrance and Mechanical Room	Class II	Category I - Non-Friable	4 SF (24 LF)
II	Sealant	Tan, Door Frame	Exterior Doors	Class II	Category I - Non-Friable	20 SF (240 LF)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
7	1	Outside	North	Door	Metal	Brown, Light	Deteriorated	1.9	mg/cm ²
8	1	Outside	North	Door Frame	Metal	Brown, Light	Deteriorated	2.9	mg/cm ²
10	1	Outside	North	Fascia	Wood	Brown	Deteriorated	3.2	mg/cm ²
11	1	Outside	North	Eave	Wood	Beige	Deteriorated	3.3	mg/cm ²
12	1	Outside	North	Gutter	Metal	Brown	Deteriorated	14.6	mg/cm ²
14	1	Outside	West	Wall	Concrete	Beige	Deteriorated	3	mg/cm ²
15	1	Outside	West	Wall	Concrete	Yellow	Deteriorated	2.8	mg/cm ²
19	1	Outside	South	Door Frame	Metal	Brown	Deteriorated	2.2	mg/cm ²
20	1	1	North	Door Frame	Wood	Brown	Deteriorated	1.3	mg/cm ²
21	1	1	North	Door	Wood	Brown	Deteriorated	2.3	mg/cm ²
33	1	2	West	Door	Wood	White	Intact	1.2	mg/cm ²
34	1	2	South	Stairs	Concrete	Yellow	Intact	4.1	mg/cm ²
37	1	3	South	Stall	Wood	White	Intact	1.5	mg/cm ²
40	1	3	South	Window	Metal	White	Deteriorated	1.8	mg/cm ²
43	1	4	South	Stall	Wood	Brown	Intact	1.2	mg/cm ²
45	1	4	North	Door	Wood	White	Intact	1.3	mg/cm ²
46	1	5	East	Wall Panel	Wood	Green	Intact	2	mg/cm ²
48	1	5	South	Door Frame	Wood	Brown	Intact	1	mg/cm ²
55	1	5	South	Window	Metal	Brown	Intact	1.4	mg/cm ²
65	1	6	South	Window	Metal	Brown	Intact	1.5	mg/cm ²
72	1	7	West	Door Frame	Wood	Green	Intact	1.6	mg/cm ²
77	1	8	North	Window	Metal	White	Intact	1.7	mg/cm ²
84	1	8	West	Wall Panel	Wood	Green	Intact	1.5	mg/cm ²

BUILDING AD4408 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
85	1	9	North	Door Frame	Metal	Brown	Intact	4.7	mg/cm ²
96	1	10	West	Wall	Ceramic	White	Intact	2.5	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
AD/AR-T22-01 Interior Paint (TTLC)	2300	70	57	NA	22	NA	390	NA	12	1400	mg/kg
(STLC)							40				mg/l
(TCLP)							1.2				mg/l
AD/AR-T22-02 Exterior Paint (TTLC)	8800	1300	89	21	11	NA	6900	NA	NA	5400	mg/kg
(STLC)							130				mg/l
(TCLP)							4.5				mg/l
AD/AR-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	mg/kg
AD/AR-T22-04 Other (TTLC)	1800	32	6	10	2.2	8	170	66	15	1300	mg/kg
(STLC)							6.3				mg/l
(TCLP)							<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING AD4408

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	293
Batteries: Emergency Lights & Exit Signs	Universal Waste	5
Light Fixture Ballasts	Polychlorinated Biphenyls	147
Water Coolers/Fountains	Ozone Depleting Chemicals	1

Note: Animal fecal matter and mold growth was seen throughout.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
AD4408-PCBB01	Ballast Capacitor Oil	PCB-1016	910,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

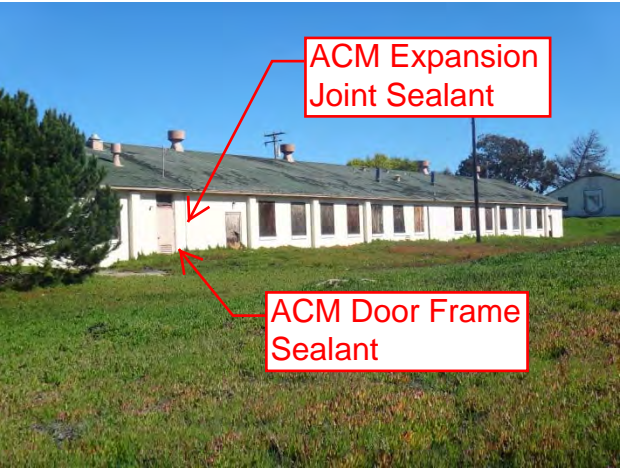
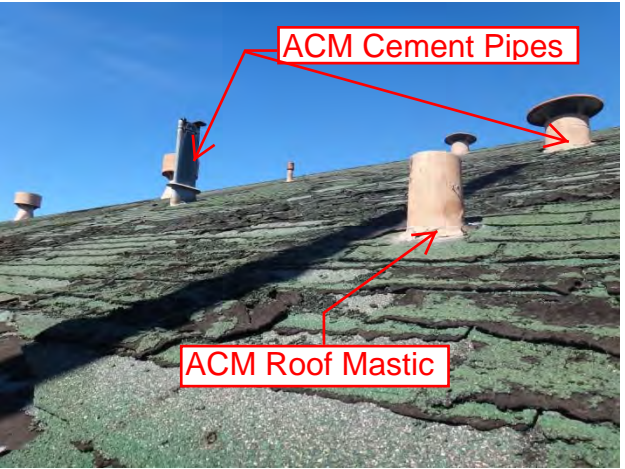
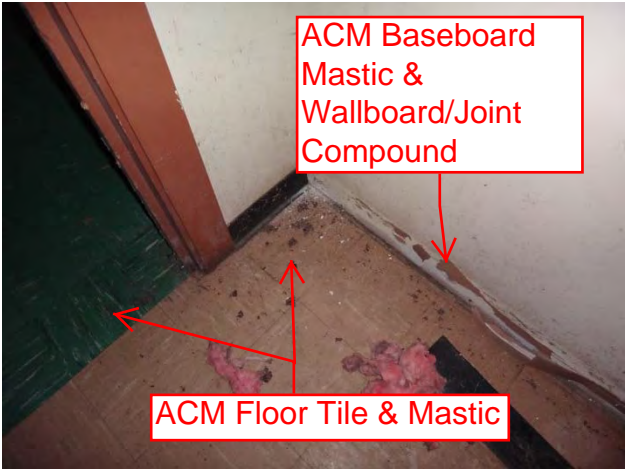
BUILDING AD4408 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Wallboard/Joint Compound	White/White	2
B	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray	2
C	Acoustic Ceiling Tile	12" White, Pinhole	2
D	Vinyl Floor Tile/Mastic	9" Beige/Black	1
E	Basecove/Mastic	4" Beige/Yellow	1
F	Mortar/Grout	White/White, 4" Ceramic Wall	2
G	Mastic/Mortar/Grout	Gray & Brown/Gray/Gray, 1" Ceramic Floor	2
H	Jacketing	White, Pipe	2
I	Basecove/Mastic	4" Black/Yellow	1
J	Vinyl Floor Tile/Mastic	9" Green/Black	1
K	Acoustic Ceiling Tile	2'x2' White, Uniform Hole	2
L	Vinyl Floor Tile/Mastic	9" Maroon/Black	1
M	Vinyl Floor Tile/Mastic	9" White/Black	1
N	Vinyl Floor Tile/Mastic	9" Red/Black	1
O	Vinyl Floor Tile/Mastic	9" Aqua Green/Black	1
P	Insulation	White, Fire Door	1
Q	Vinyl Floor Tile/Mastic	12" White/Black	1
R	Acoustic Ceiling Tile	12" White, Uniform Hole	1
S	Basecove/Mastic	2" Brown/Brown	2
T	Insulation Paper	Gray	1
U	Insulation Paper	Beige	1
V	Flex Connector	White, HVAC	1

**BUILDING AD4408
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Cement Pipe	6" O.D, Gray	1
X	Texture Coat	White, Medium	5
Y	Insulation	Brown, Fire Door	1
Z	Panel	Brown, Sound Wall	1
AA	Putty	White, Window	2
BB	Vapor Paper	Black & Brown, Ceiling	1
CC	Heat Shield	Gray, Round Light	1
DD	Roofing	Green & Black, 3 Tab Shingle	2
EE	Mastic	Gray & Black, Roof	1
FF	Mastic	Gray, Expansion Joints	1
GG	Sealant	Gray, Window Frames & Seams	2
HH	Concrete	Gray, Foundation	2
II	Sealant	Tan, Door Frame	2

BUILDING AD4408
PHOTO DOCUMENTATION



BUILDING AD4408
PHOTO DOCUMENTATION



Animal Carcass & Feces



Mold Growth



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B216926
Date Received: 02/19/16
Date Analyzed: 02/23/16
Date Printed: 02/23/16
First Reported: 02/23/16

Job ID/Site: 161091001 - FORA, AD4408

FALI Job ID: L1161
Total Samples Submitted: 50
Total Samples Analyzed: 50

Date(s) Collected: 02/15/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-A-01	11732779						
Layer: White Drywall			ND				
Layer: Paint			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4408-A-02	11732780						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4408-B-01	11732781						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-B-02	11732782						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-C-01	11732783						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4408-C-02	11732784						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

Client Name: Vista Environmental Consultants

Report Number: B216926

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-D-01	11732785						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-E-01	11732786						
Layer: Brown Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4408-F-01	11732787						
Layer: White Non-Fibrous Material			ND				
Layer: White Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4408-F-02	11732788						
Layer: White Mortar			ND				
Layer: White Skimcoat/Joint Compound		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4408-G-01	11732789						
Layer: Brown Mastic			ND				
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4408-G-02	11732790						
Layer: Tan Ceramic Tile			ND				
Layer: Brown Mastic			ND				
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4408-H-01	11732791						
Layer: White Woven Material			ND				
Layer: White Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %) Fibrous Glass (5 %)							

Client Name: Vista Environmental Consultants

Report Number: B216926

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-H-02	11732792						
Layer: White Woven Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
AD4408-I-01	11732793						
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
AD4408-J-01	11732794						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AD4408-K-01	11732795						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4408-K-02	11732796						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4408-L-01	11732797						
Layer: Brown Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AD4408-M-01	11732798						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
AD4408-N-01	11732799						
Layer: Red Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216926

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-O-01	11732800						
Layer: Green Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-P-01	11732801						
Layer: White Semi-Fibrous Material		Chrysotile	15 %	Amosite	5 %		
Layer: Tan Wood			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (70 %)							
AD4408-Q-01	11732802						
Layer: Off-White Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-R-01	11732803						
Layer: Brown Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4408-S-01	11732804						
Layer: Brown Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Paint			ND				
Layer: White Skimcoat/Joint Compound		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
AD4408-S-02	11732805						
Layer: Paint			ND				
Layer: Brown Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-T-01	11732806						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
AD4408-U-01	11732807						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							

Client Name: Vista Environmental Consultants

Report Number: B216926

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-V-01	11732808						
Layer: White Fibrous Material		Chrysotile	80 %				
Total Composite Values of Fibrous Components:		Asbestos (80%)					
Synthetic (5 %)							
AD4408-W-01	11732809						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
AD4408-X-01	11732810						
Layer: White Drywall			ND				
Layer: Tan Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Layer: White Texture		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4408-X-02	11732811						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (20 %)							
AD4408-X-03	11732812						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4408-X-04	11732813						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4408-X-05	11732814						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4408-Y-01	11732815						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (100 %)							

Client Name: Vista Environmental Consultants

Report Number: B216926

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-Z-01	11732816						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
AD4408-AA-01	11732817						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-AA-02	11732818						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-BB-01	11732819						
Layer: Black Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
AD4408-CC-01	11732820						
Layer: White Fibrous Material		Chrysotile	80 %				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (76%)					
Cellulose (5 %)							
AD4408-DD-01	11732821						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
AD4408-DD-02	11732822						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
AD4408-EE-01	11732823						
Layer: Grey Mastic		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					

Client Name: Vista Environmental Consultants

Report Number: B216926

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-FF-01	11732824						
Layer: Grey Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
AD4408-GG-01	11732825						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-GG-02	11732826						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4408-HH-01	11732827						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4408-HH-02	11732828						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007935
Date Received: 02/19/16
Date Analyzed: 02/29/16
Date Printed: 02/29/16

Job ID/Site: 161091001 - FORA, AD4408

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

PLM Report Number: B216926

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
AD4408-A-02	11732780	Composite of ALL Layers White Drywall White Joint Compound Paint

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

AD4408-X-02	11732811	Composite of ALL Layers White Drywall White Joint Compound Paint
--------------------	----------	--

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

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Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007935
Date Received: 02/19/16
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Job ID/Site: 161091001 - FORA, AD4408

FALI Job ID: L1161

PLM Report Number: B216926

Total Samples Submitted: 2

Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
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Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007982
Date Received: 02/19/16
Date Analyzed: 03/10/16
Date Printed: 03/10/16

Job ID/Site: 161091001 - FORA, AD4408

FALI Job ID: L1161

PLM Report Number: B216926

Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
AD4408-X-01	11732810	White Texture
<i>Point Count Results:</i>		
Number of asbestos points counted:		1
Number of non-empty points:		400
Layer percentage of entire sample:		46
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
AD4408-X-03	11732812	White Joint Compound
<i>Point Count Results:</i>		
Number of asbestos points counted:		1
Number of non-empty points:		400
Layer percentage of entire sample:		93
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
AD4408-X-04	11732813	White Joint Compound
<i>Point Count Results:</i>		
Number of asbestos points counted:		1
Number of non-empty points:		400
Layer percentage of entire sample:		93
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007982
Date Received: 02/19/16
Date Analyzed: 03/10/16
Date Printed: 03/10/16

Job ID/Site: 161091001 - FORA, AD4408

FALI Job ID: L1161

PLM Report Number: B216926

Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

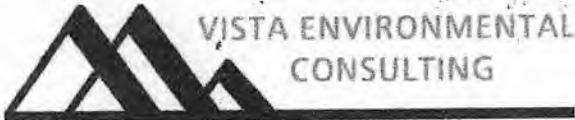
Sample ID	Lab Number	Layer Description
AD4408-X-05	11732814	White Joint Compound
<i>Point Count Results:</i>		
Number of asbestos points counted:	1	
Number of non-empty points:	400	
Layer percentage of entire sample:	93	
Percent asbestos in layer:	< 1	
Asbestos type(s) detected:	Chrysotile	
Comment:		

Note: Point count results are reported to the nearest percent per EPA method.

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4408

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4408	A	01	WB/SE	WHITE/WHITE		
AD4408	A	02	↓	↓		
AD4408	B	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY		
AD4408	B	02	↓	↓		
AD4408	C	01	ACT	12" WHITE, PINHOLE (TACKED)		
AD4408	C	02	↓	↓		
AD4408	D	01	VFT/MAS	9" BEIGE/BLACK		
AD4408	E	01	BASECOAT/MAS	4" BEIGE/YELLOW		
AD4408	F	01	MORTAR/GROUT	WHITE/WHITE	CERAMIC WALL	
AD4408	F	02	↓	↓	↓	

ANALYTICAL METHOD: PLM 400 PTCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS Via E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

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02/16/15/1100
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4408

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4408	G	01	MAS/MORTAR/GRAY	GRAY/GRAY/GRAY, CERAMIC FLOOR		
AD4408	G	02	↓	↓	↓	
AD4408	H	01	JACKETING	WHITE, PIPE		
AD4408	H	02	↓	↓		
AD4408	I	01	BASECOVE/MAS	4" BLACK/YELLOW		
AD4408	J	01	VFT/MAS	9" GREEN/BLACK		
AD4408	K	01	ACT	2'X2' WHITE, UNIFORM HOLE		
AD4408	K	02	↓	↓		
AD4408	L	01	VFT/MAS	9" MAROON/BLACK		
AD4408	M	01	VFT/MAS	9" WHITE/BLACK		

ANALYTICAL METHOD: PLM 400 PTCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4408

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4408	N	01	VFT/MAS	9" RED/BLACK		
AD4408	O	01	VFT/MAS	9" AQUA GREEN/BLACK		
AD4408	P	01	INSULATION	WHITE, FIRE DOOR		
AD4408	Q	01	VFT/MAS	12" WHITE/BLACK		
AD4408	R	01	ACT	12" WHITE, UNIFORM HOLE		
AD4408	S	01	BASECOVE/MAS	2" BROWN/BROWN		
AD4408	S	02	↓	↓		
AD4408	T	01	INSULATION PAPER	GRAY, ELECT. BOX		
AD4408	U	01	INSULATION PAPER	BEIGE, ELECT. BOX		
AD4408	V	01	FLEX CONNECTOR	WHITE, HVAC		

ANALYTICAL METHOD: PLM ~~400 PTCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

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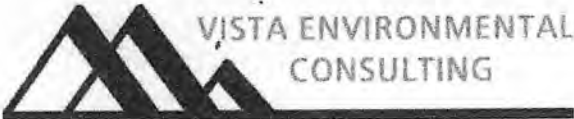
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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4408

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
ADA408	W	01	CEMENT PIPE	GRAY, 6"OD		
ADA408	X	01	TEXTURE COAT	WHITE, MEDIUM		
ADA408	X	02				
ADA408	X	03				
ADA408	X	04				
ADA408	X	05				
ADA408	Y	01	INSULATION	BROWN, FIRE DOOR		
ADA408	Z	01	PANEL	BROWN, SOUND WALL		
ADA408	AA	01	PUTTY	WHITE, WINDOW		
ADA408	AA	02				

ANALYTICAL METHOD: PLM 400 PTC COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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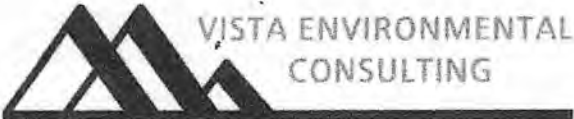
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DATE/TIME

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DATE/TIME

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DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4408

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
ADA408	BB	01	VAPOR PAPER	BLACK & BROWN, CEILING		
ADA408	CC	01	HEAT SHIELD	GRAY, LIGHTS		
ADA408	DD	01	ROOFING	GREEN & BLACK, 3 TAB SHINGLE		
ADA408	DD	02	↓	↓		
ADA408	EE	01	MASTIC	GRAY & BLACK, ROOF		
ADA408	FF	01	MASTIC	GRAY, EXPANSION JOINT		
ADA408	GG	01	SEALANT	GRAY, WINDOW FRAME & SLATS		
ADA408	GG	02	↓	↓		
ADA408	HH	01	CONCRETE	GRAY, FOUNDATION		
ADA408	HH	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PTCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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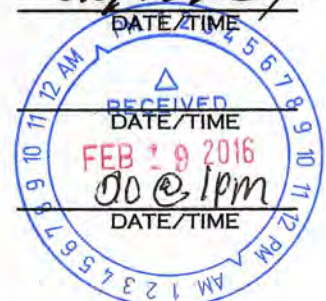
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Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B220905
Date Received: 05/09/16
Date Analyzed: 05/09/16
Date Printed: 05/09/16
First Reported: 05/09/16

Job ID/Site: 161091001 - FORA, AD4408

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 05/06/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4408-II01	11762386						
Layer: Grey Semi-Fibrous Material		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
AD4408-II02	11762387						
Layer: Grey Semi-Fibrous Material		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 05/06/16

LOCATION: AD4408

PROJECT NUMBER: 161091001

SAMPLED BY: JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4408	II	01	SEALANT	GRAY	DOOR FRAMES	
AD4408	II	02	↓	↓	↓	
2 SAMPLES						

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
 DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
 QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA
 TRANSFER SIGNATURE PRINTED NAME

2. [Signature] smone taylor
 TRANSFER SIGNATURE PRINTED NAME

3. _____
 TRANSFER SIGNATURE PRINTED NAME

05/07/16-10:00
 DATE/TIME

MAY 09 2016
 DATE/TIME

DATE/TIME

**FORA
AD4408
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
2					SHUTTER_CAL					3.18	cps
3					CALIBRATE				Positive	1.2	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
5					CALIBRATE				Positive	1	mg/cm ²
6	AD4408	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
7	AD4408	1	OUTSIDE	NORTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Positive	1.9	mg/cm ²
8	AD4408	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN, LIGHT	DETERIORATED	Positive	2.9	mg/cm ²
9	AD4408	1	OUTSIDE	WEST	DOWNSPOUT	METAL	BEIGE	DETERIORATED	Negative	0.3	mg/cm ²
10	AD4408	1	OUTSIDE	NORTH	FASCIA	WOOD	BROWN	DETERIORATED	Positive	3.2	mg/cm ²
11	AD4408	1	OUTSIDE	NORTH	EAVE	WOOD	BEIGE	DETERIORATED	Positive	3.3	mg/cm ²
12	AD4408	1	OUTSIDE	NORTH	GUTTER	METAL	BROWN	DETERIORATED	Positive	14.6	mg/cm ²
13	AD4408	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
14	AD4408	1	OUTSIDE	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Positive	3	mg/cm ²
15	AD4408	1	OUTSIDE	WEST	WALL	CONCRETE	YELLOW	DETERIORATED	Positive	2.8	mg/cm ²
16	AD4408	1	OUTSIDE	WEST	WALL	CONCRETE	RED	DETERIORATED	Negative	0.24	mg/cm ²
17	AD4408	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
18	AD4408	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.03	mg/cm ²
19	AD4408	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	2.2	mg/cm ²
20	AD4408	1	1	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Positive	1.3	mg/cm ²
21	AD4408	1	1	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Positive	2.3	mg/cm ²
22	AD4408	1	1	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.9	mg/cm ²
23	AD4408	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
24	AD4408	1	1	WEST	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
25	AD4408	1	1	WEST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
26	AD4408	1	1	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4408
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
27	AD4408	1	1	SOUTH	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.08	mg/cm ²
28	AD4408	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
29	AD4408	1	1	NORTH	TRIM	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
30	AD4408	1	1		CEILING	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
31	AD4408	1	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
32	AD4408	1	2	WEST	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.04	mg/cm ²
33	AD4408	1	2	WEST	DOOR	WOOD	WHITE	INTACT	Positive	1.2	mg/cm ²
34	AD4408	1	2	SOUTH	STAIRS	CONCRETE	YELLOW	INTACT	Positive	4.1	mg/cm ²
35	AD4408	1	1		FLOOR	VINYL	BLUE	INTACT	Negative	0.21	mg/cm ²
36	AD4408	1	1		FLOOR	VINYL	RED	INTACT	Negative	0.01	mg/cm ²
37	AD4408	1	3	SOUTH	STALL	WOOD	WHITE	INTACT	Positive	1.5	mg/cm ²
38	AD4408	1	3	WEST	WALL	WOOD	WHITE	INTACT	Negative	0.08	mg/cm ²
39	AD4408	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
40	AD4408	1	3	SOUTH	WINDOW	METAL	WHITE	DETERIORATED	Positive	1.8	mg/cm ²
41	AD4408	1	3	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
42	AD4408	1	3	SOUTH	PIPE	METAL	WHITE	INTACT	Negative	0.16	mg/cm ²
43	AD4408	1	4	SOUTH	STALL	WOOD	BROWN	INTACT	Positive	1.2	mg/cm ²
44	AD4408	1	4	EAST	TRIM	WOOD	WHITE	INTACT	Negative	0.05	mg/cm ²
45	AD4408	1	4	NORTH	DOOR	WOOD	WHITE	INTACT	Positive	1.3	mg/cm ²
46	AD4408	1	5	EAST	WALL PANEL	WOOD	GREEN	INTACT	Positive	2	mg/cm ²
47	AD4408	1	5	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
48	AD4408	1	5	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Positive	1	mg/cm ²
49	AD4408	1	5	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.7	mg/cm ²
50	AD4408	1	5	SOUTH	BASEBOARD	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
51	AD4408	1	5	EAST	WALL	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4408
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
52	AD4408	1	5		FLOOR	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
53	AD4408	1	5	EAST	WINDOW	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
54	AD4408	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
55	AD4408	1	5	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	1.4	mg/cm ²
56	AD4408	1	5	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.16	mg/cm ²
57	AD4408	1	5	SOUTH	TRIM	WOOD	WHITE	INTACT	Negative	0.12	mg/cm ²
58	AD4408	1	5		CEILING	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
59	AD4408	1	5	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
60	AD4408	1	6	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
61	AD4408	1	6	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
62	AD4408	1	6	EAST	BASEBOARD	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
63	AD4408	1	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
64	AD4408	1	6	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.1	mg/cm ²
65	AD4408	1	6	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	1.5	mg/cm ²
66	AD4408	1	6	WEST	DUCT	METAL	WHITE	INTACT	Negative	0.07	mg/cm ²
67	AD4408	1	6	WEST	HVAC	METAL	GRAY	INTACT	Negative	0	mg/cm ²
68	AD4408	1	6		FLOOR	CONCRETE	BLACK	INTACT	Negative	0.27	mg/cm ²
69	AD4408	1	7	WEST	WALL	CONCRETE	GREEN	INTACT	Negative	0.05	mg/cm ²
70	AD4408	1	7	EAST	WALL	CONCRETE	GREEN	INTACT	Negative	0.13	mg/cm ²
71	AD4408	1	7	NORTH	CABINET	WOOD	GREEN	INTACT	Negative	0.04	mg/cm ²
72	AD4408	1	7	WEST	DOOR FRAME	WOOD	GREEN	INTACT	Positive	1.6	mg/cm ²
73	AD4408	1	7	WEST	DOOR	METAL	WHITE	INTACT	Negative	0.03	mg/cm ²
74	AD4408	1	7		CEILING	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
75	AD4408	1	8	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
76	AD4408	1	8	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.17	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4408
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
77	AD4408	1	8	NORTH	WINDOW	METAL	WHITE	INTACT	Positive	1.7	mg/cm ²
78	AD4408	1	8	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.8	mg/cm ²
79	AD4408	1	8	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
80	AD4408	1	8	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0.09	mg/cm ²
81	AD4408	1	8	WEST	STAIRS	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
82	AD4408	1	8		FLOOR	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
83	AD4408	1	8	WEST	WALL	WOOD	WHITE	INTACT	Negative	0.4	mg/cm ²
84	AD4408	1	8	WEST	WALL PANEL	WOOD	GREEN	INTACT	Positive	1.5	mg/cm ²
85	AD4408	1	9	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	4.7	mg/cm ²
86	AD4408	1	9	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
87	AD4408	1	9	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
88	AD4408	1	9	NORTH	BASEBOARD	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
89	AD4408	1	9	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.03	mg/cm ²
90	AD4408	1	9	SOUTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
91	AD4408	1	9	WEST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
92	AD4408	1	10	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.13	mg/cm ²
93	AD4408	1	10	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
94	AD4408	1	10	EAST	WALL	DRYWALL	YELLOW	INTACT	Negative	0.05	mg/cm ²
95	AD4408	1	10	WEST	WALL	DRYWALL	YELLOW	INTACT	Negative	0.03	mg/cm ²
96	AD4408	1	10	WEST	WALL	CERAMIC	WHITE	INTACT	Positive	2.5	mg/cm ²
97	AD4408	1	10		FLOOR	CERAMIC	BROWN	INTACT	Negative	0.01	mg/cm ²
98	AD4408	1	10		CEILING	DRYWALL	YELLOW	INTACT	Negative	0.02	mg/cm ²
99	AD4408	1	11		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
100	AD4408	1	11	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
101	AD4408	1	11	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4408
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
102	AD4408	1	11	SOUTH	WALL	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
103	AD4408	1	11	SOUTH	RADIATOR	METAL	WHITE	INTACT	Negative	0.03	mg/cm ²
104	AD4408	1	11	WEST	WINDOW	METAL	WHITE	INTACT	Negative	0	mg/cm ²
105	AD4408	1	11	WEST	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
106	AD4408	1	11	WEST	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
107	AD4408	1	11	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
108	AD4408	1	11	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
109	AD4408	1	11	EAST	BASEBOARD	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
110					CALIBRATE				Positive	1.1	mg/cm ²
111					CALIBRATE				Positive	1	mg/cm ²
112					CALIBRATE				Positive	1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4408
XRF Sequential Report**

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

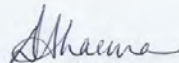
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71494-1
Client Project/Site: Building Ad4408

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:09:30 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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results through
TotalAccess

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Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Job ID: 720-71494-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71494-1

Comments

No additional comments.

Receipt

The samples were received on 4/12/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a dilution due to the nature of the sample matrix: AD4408-PCBB01 (720-71494-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Client Sample ID: AD4408-PCBB01

Lab Sample ID: 720-71494-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	910000000		45000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Client Sample ID: AD4408-PCBB01

Lab Sample ID: 720-71494-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	910000000		45000000		ug/Kg		04/23/16 07:50	04/25/16 12:46	20000
PCB-1221	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 12:46	20000
PCB-1232	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 12:46	20000
PCB-1242	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 12:46	20000
PCB-1248	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 12:46	20000
PCB-1254	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 12:46	20000
PCB-1260	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 12:46	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	42 - 147				04/23/16 07:50	04/25/16 12:46	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	30 - 148				04/23/16 07:50	04/25/16 12:46	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Waste

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (42-147)	DCB1 (30-148)
720-71494-2	AD4408-PCBB01	0 X D	0 X D
LCS 720-201028/2-A	Lab Control Sample	120	107
MB 720-201028/1-A	Method Blank	116	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201028/1-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1221	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1232	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1242	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1248	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1254	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1260	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		42 - 147	04/23/16 07:50	04/23/16 13:46	1
DCB Decachlorobiphenyl	105		30 - 148	04/23/16 07:50	04/23/16 13:46	1

Lab Sample ID: LCS 720-201028/2-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4000	4380		ug/Kg		110	85 - 153
PCB-1260	4000	4110		ug/Kg		103	78 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	120		42 - 147
DCB Decachlorobiphenyl	107		30 - 148

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

GC Semi VOA

Prep Batch: 201028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71494-2	AD4408-PCBB01	Total/NA	Waste	3580A	
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 720-201028/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 201029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	8082	201028
MB 720-201028/1-A	Method Blank	Total/NA	Waste	8082	201028

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71494-2	AD4408-PCBB01	Total/NA	Waste	8082	201028

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Client Sample ID: AD4408-PCBB01

Lab Sample ID: 720-71494-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			201028	04/23/16 07:50	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 12:46	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building Ad4408

TestAmerica Job ID: 720-71494-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71494-2	AD4408-PCBB01	Waste	04/12/16 11:00	04/12/16 13:50

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-71494

Chain of Custody Record

167886

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: DW NPDES RCRA Other: _____
 Client Contact: Vista Environmental Consulting
 Project Manager: Chris Burns
 Date: _____
 Site Contact: _____
 Carrier: _____
 COC No.: _____ of _____ COCs

Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8860
888-296-0271
FAX
FORA
AD4408
161091001

Analysis Turnaround Time
 CALENDAR DAYS
 WORKING DAYS
 TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lab Contact:	Date:	Carrier:	COC No.:	Sampler:	For Lab Use Only:	Walk-In Client:	Lab Sampling:	Job / SDG No.:	Sample Specific Notes:
AD4408-PCBB01	4/8/2016	1100 G	Solid		1	X	8082 (3660 B or C)										
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other _____ Possible Hazard Identification: _____ Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months Special Instructions/QC Requirements & Comments: Please email report to christburns@vista-env.com & mollie@vista-env.com Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____ Relinquished by: _____ Relinquished by: _____ Relinquished by: _____																	



720-71494 Chain of Custody

9.59

Custody Seal Intact: Yes No
 Custody Seal No.: _____
 Vista
 Company: VISA
 Date/Time: 4/12/16 1350
 Received by: _____
 Received in Laboratory by: _____
 Date/Time: 4/12/16 1350
 Company: VISA
 Date/Time: 4/12/16 1350

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71494-1

Login Number: 71494

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-01	30736300	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	2300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	57	mg/kg	5	EPA 3050B/6010B
		Cr	70	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	22	mg/kg	2	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	390	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	12	mg/kg	8	EPA 3050B/6010B
		Zn	1400	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-02	30736301	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8800	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	89	mg/kg	6	EPA 3050B/6010B
		Cr	1300	mg/kg	30	EPA 3050B/6010B
		Cu	21	mg/kg	8	EPA 3050B/6010B
		Hg	11	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	6900	mg/kg	70	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	5400	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171603
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/27/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737910	Pb	40	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737911	Pb	130	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171602
Date Received: 04/28/16
Date Analyzed: 05/04/16
Date Printed: 05/04/16
First Reported: 05/04/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737908	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737909	Pb	4.5	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-03	30736302	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30736303	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	6	mg/kg	2	EPA 3050B/6010B
		Cr	32	mg/kg	2	EPA 3050B/6010B
		Cu	10	mg/kg	3	EPA 3050B/6010B
		Hg	2.2	mg/kg	0.3	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	8	mg/kg	3	EPA 3050B/6010B
		Pb	170	mg/kg	3	EPA 3050B/6010B
		Sb	66	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	15	mg/kg	2	EPA 3050B/6010B
		Zn	1300	mg/kg	50	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171382
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737287	Pb	6.3	mg/l	0.7	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171383
Date Received: 04/25/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737288	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: <u>4/12/16</u> Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: <u>5 Day</u> Due Date: <u>4/20/16</u> Due Time: <u>EOD</u> <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD/AR	
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com <u>Hold for possible TCLP/STLC</u>	

Sample ID	Date/ Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD/AR - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-04	4/12/16 1400	83 % CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1 %	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		<u>Unpainted Wood (90 by wt)</u>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: <u>Chris Burns</u> Date: <u>4/12/16</u> Time: <u>1400</u>		
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished by: <u>[Signature]</u> Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: <u>[Signature]</u> Date / Time: <u>APR 13 2015 1130</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING AD4418



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING AD4418

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Wallboard/Joint Compound	White/White	Throughout Except Projection Booths. This material is damaged in spots with visible debris on the floor.	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	12,250 SF
VFT/M (D, J)	Vinyl Floor Tile/Mastic	9" Beige, and Brown/Black	Throughout Except West Restrooms, Projection Booths, Mechanical Room, and North Central Storage Rooms. This material may be under carpeting and walls.	Class II	Category I - Non-Friable	6,900 SF
P	Insulation	White, Fire Door	Lobby into Projection Booths	Unclassified	Friable (RACM when Removed)	62 SF (4 Each)
V	Flex Connector	White, HVAC	HVAC Units	Class II	Friable (RACM when Removed)	12 SF (4 Each)
W	Cement Pipe	6" O.D, Gray	Attic Space to Roof: Above Projection Booths, HVAC, and Mechanical Room	Class II	Category II - Non-Friable	50 SF (5 Each)
CC	Heat Shield	Gray, Round Light	Foyers to West Central Restrooms, North Central Lobby	Class II	Friable (RACM when Removed)	3 SF
EE	Mastic	Gray & Black, Roof	Roof	Class II	Category I - Non-Friable	30 SF
FF	Mastic	Gray, Expansion Joints	Exterior Walls Near West Central Entrance and Mechanical Room	Class II	Category I - Non-Friable	4 SF (24 LF)

BUILDING AD4418

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
GG	Sealant	Tan & Gray, Window Frames & Seams	Exterior Window Frames and East and West Wall Seams	Class II	Category I - Non-Friable	75 SF (850 LF)
MM	Sealant	Tan, Door Frame	Exterior Door Frames	Class II	Category I - Non-Friable	20 SF (240 LF)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
89	1	Outside	North	Door	Wood	Brown	Deteriorated	3.8	mg/cm ²
90	1	Outside	North	Door Frame	Wood	Brown	Deteriorated	6.3	mg/cm ²
91	1	Outside	West	Downspout	Metal	White	Deteriorated	7.6	mg/cm ²
92	1	Outside	North	Eave	Wood	White	Deteriorated	3.4	mg/cm ²
93	1	Outside	North	Fascia	Wood	Brown	Deteriorated	4	mg/cm ²
94	1	Outside	North	Gutter	Metal	Brown	Deteriorated	2.6	mg/cm ²
13	1	1	East	Door Frame	Wood	Brown	Intact	1.5	mg/cm ²
15	1	1	South	Door	Wood	White	Intact	1.5	mg/cm ²
23	1	2	South	Window	Metal	Brown	Deteriorated	1.5	mg/cm ²
28	1	3	South	Window	Metal	Brown	Intact	1.8	mg/cm ²
33	1	3	East	Chalkboard	Wood	Green	Intact	1.5	mg/cm ²
47	1	5	North	Window	Metal	Brown	Intact	1.7	mg/cm ²
52	1	6	South	Door Frame	Wood	Brown	Intact	1.1	mg/cm ²
53	1	6	South	Door	Wood	White	Intact	1.9	mg/cm ²
57	1	7	North	Window Frame	Metal	Brown	Intact	3.2	mg/cm ²
73	1	10	West	Wall	Ceramic	White	Intact	2.9	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

BUILDING AD4418

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
AD/AR-T22-01 Interior Paint (TTLC)	2300	70	57	NA	22	NA	390	NA	12	1400	mg/kg
(STLC)							40				mg/l
(TCLP)							1.2				mg/l
AD/AR-T22-02 Exterior Paint (TTLC)	8800	1300	89	21	11	NA	6900	NA	NA	5400	mg/kg
(STLC)							130				mg/l
(TCLP)							4.5				mg/l
AD/AR-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	mg/kg
AD/AR-T22-04 Other (TTLC)	1800	32	6	10	2.2	8	170	66	15	1300	mg/kg
(STLC)							6.3				mg/l
(TCLP)							<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	240
Batteries: Exit Signs	Universal Waste	2
Thermostat Triggers	Universal Waste	2
Light Fixture Ballasts	Polychlorinated Biphenyls	121
Water Coolers/Fountains	Ozone Depleting Chemicals	1

Note: Mold growth is visible throughout.

BUILDING AD4418 HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
AD4418-PCBB01	Ballast Capacitor Oil	PCB-1016	570,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.




BUILDING AD4418

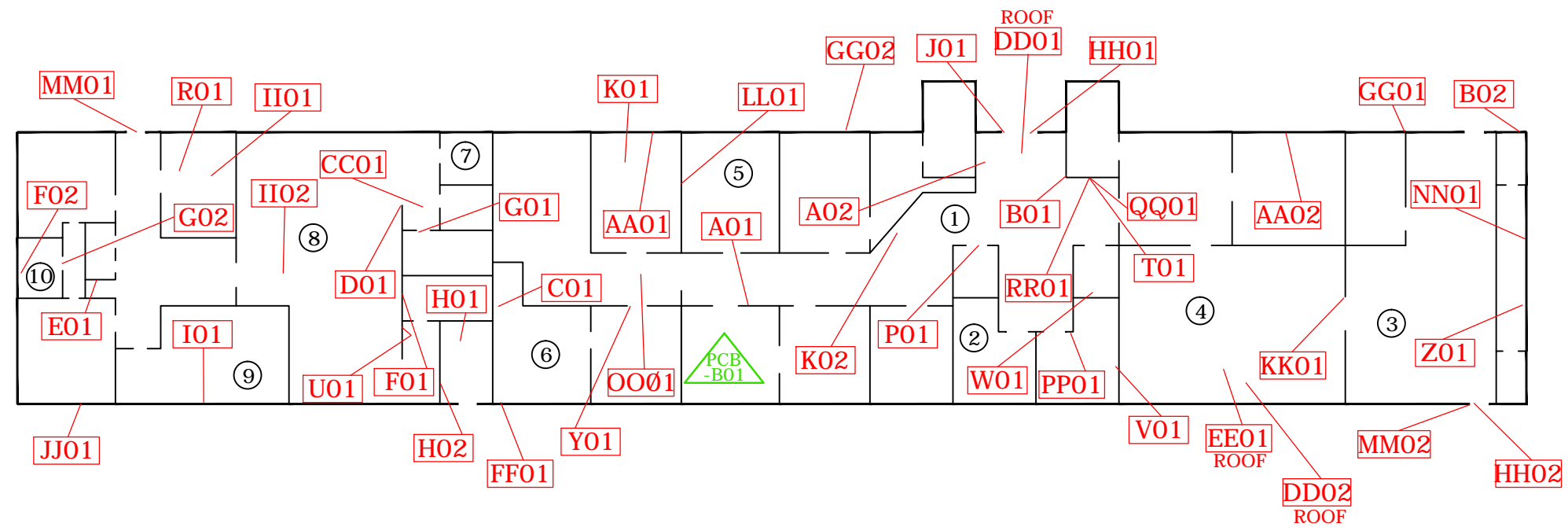
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Wallboard/Joint Compound	White/White	2
B	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray	2
C	Acoustic Ceiling Tile	12" White Non-Uniform Hole/Brown	1
D	Vinyl Floor Tile/Mastic	9" Beige/Black	1
E	Basecove/Mastic	4" Beige/Yellow	1
F	Mortar/Grout	White/White, 4" Ceramic Wall	2
G	Mastic/Mortar/Grout	Gray & Brown/Gray/Gray, 1" Ceramic Floor	2
H	Jacketing	White, Pipe	2
I	Basecove/Mastic	4" Black/Yellow	1
J	Vinyl Floor Tile/Mastic/Light Weight Concrete	9" Brown/Black/Gray	1
K	Acoustic Ceiling Tile/Vapor Paper	2'x2' White, Uniform Hole/Brown & Tan	2
L	Not Used	Not Used	Not Used
M	Not Used	Not Used	Not Used
N	Not Used	Not Used	Not Used
O	Not Used	Not Used	Not Used
P	Insulation	White, Fire Door	1
Q	Not Used	Not Used	Not Used
R	Acoustic Ceiling Tile/Mastic	12" White Fissured/Brown	1
S	Not Used	Not Used	Not Used
T	Insulation Paper	Gray	1
U	Insulation Paper	Beige	1
V	Flex Connector	White, HVAC	1

BUILDING AD4418 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Cement Pipe	6" OD, Gray	1
X	Not Used	Not Used	Not Used
Y	Insulation	Brown, Fire Door	1
Z	Panel/Mastic	Brown, Sound Wall/Brown	1
AA	Putty	Gray & White, Window	2
BB	Not Used	Not Used	Not Used
CC	Heat Shield	Gray, Light	1
DD	Roofing	Green & Black, 3 Tab Shingle	2
EE	Mastic	Gray & Black, Roof	1
FF	Mastic	Gray, Expansion Joints	1
GG	Sealant	Tan & Gray, Window Frames & Seams	2
HH	Concrete	Gray, Foundation	2
II	Acoustic Ceiling Tile	12" White, Textured	2
JJ	Joint Compound	White, Concrete Masonry Unit Patching	1
KK	Acoustic Ceiling Tile/Mastic	12" White, Non-Uniform Hole/Brown	1
LL	Acoustic Ceiling Panel/Mastic	2'x4' White Fissure/Brown	1
MM	Sealant	Tan, Door Frame	2
NN	Green Board/Mastic	Green/Brown	1
OO	Acoustic Ceiling Tile	12" White, Pinhole	1
PP	Expansion Joint	Black, Floor	1
QQ	Insulator	Black & Red	1
RR	Insulation	Black, Wire	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATION





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 510-346-8860

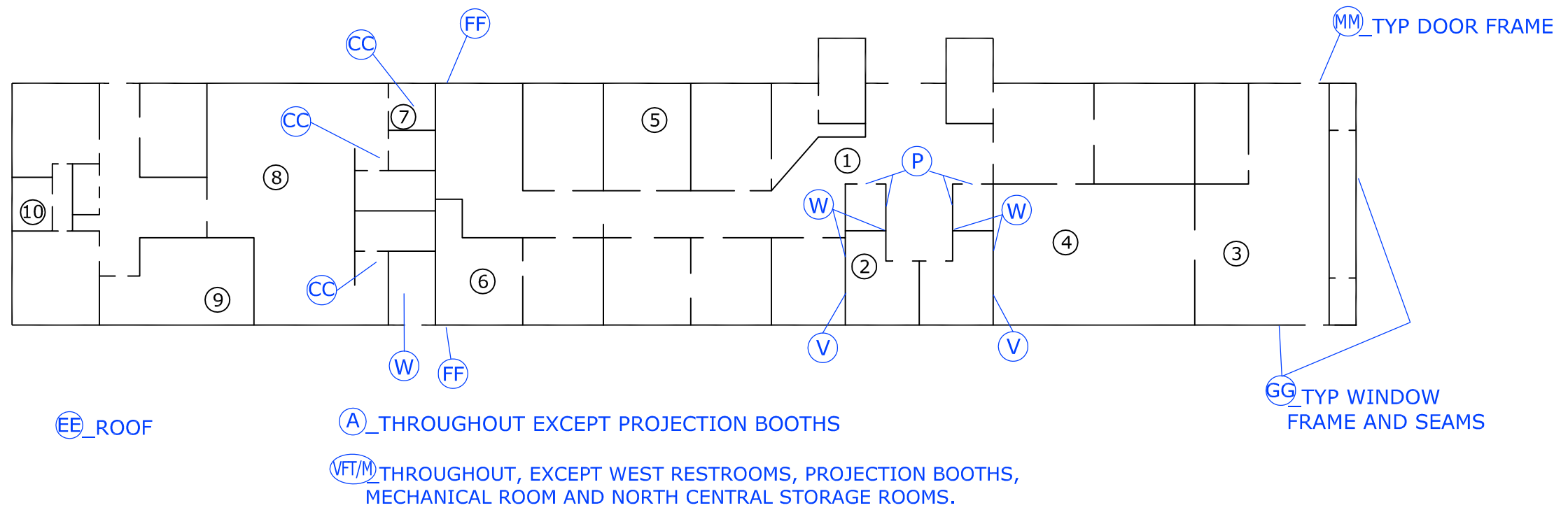
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AD4418
 SAMPLE LOCATIONS

SCALE: 1"=20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/05/2016
 DRAWING No.

FIGURE
 AD4418

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS




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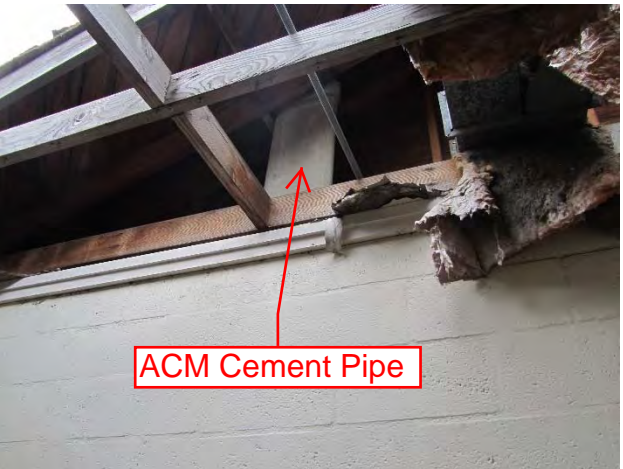
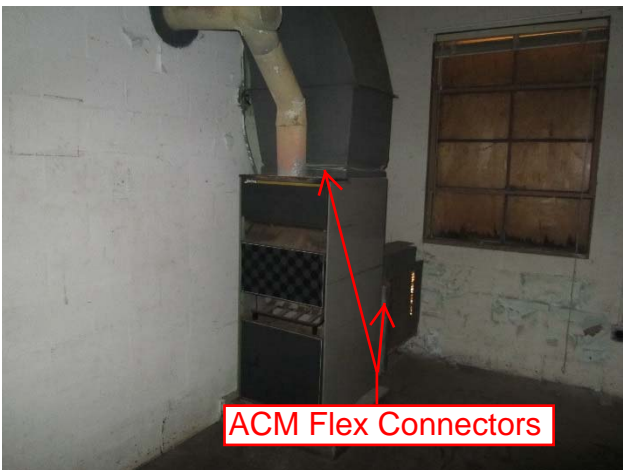
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AD4418
 MATERIAL LOCATIONS

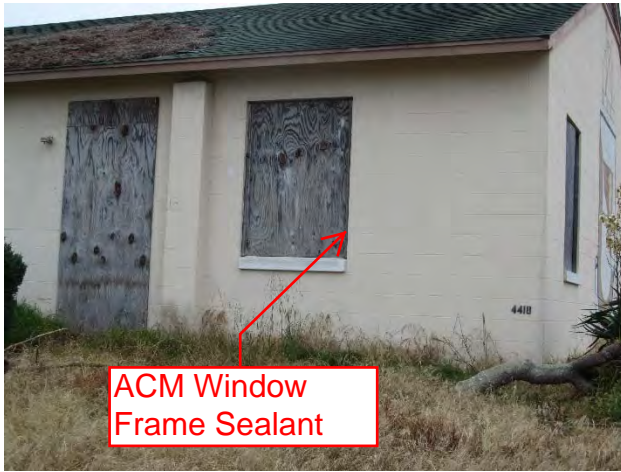
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 AD4418

BUILDING AD4418
PHOTO DOCUMENTATION



BUILDING AD4418 PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217642
Date Received: 03/04/16
Date Analyzed: 03/09/16
Date Printed: 03/09/16
First Reported: 03/09/16

Job ID/Site: 161091001 - FORA, AD4418

FALI Job ID: L1161
Total Samples Submitted: 48
Total Samples Analyzed: 48

Date(s) Collected: 03/01/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4418-A01	11737978						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (10 %)							
AD4418-A02	11737979						
Layer: White Drywall			ND				
Layer: Tan Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
AD4418-B01	11737980						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4418-B02	11737981						
Layer: Grey Cementitious Material			ND				
Layer: Green Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4418-C01	11737982						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (85 %)							

Client Name: Vista Environmental Consultants

Report Number: B217642

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4418-D01	11737983						
Layer: Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AD4418-E01	11737984						
Layer: Paint			ND				
Layer: Brown Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4418-F01	11737985						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-F02	11737986						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-G01	11737987						
Layer: Brown Ceramic Tile			ND				
Layer: Yellow Mastic			ND				
Layer: Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-G02	11737988						
Layer: Brown Ceramic Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-H01	11737989						
Layer: Yellow Fibrous Material			ND				
Layer: Black Tar			ND				
Layer: Silver Foil			ND				
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B217642

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4418-H02	11737990						
Layer: Yellow Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (90 %)						
AD4418-I01	11737991						
Layer: Black Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
AD4418-J01	11737992						
Layer: Brown Tile		Chrysotile	Trace				
Layer: Black Mastic			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
AD4418-K01	11737993						
Layer: Brown Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4418-K02	11737994						
Layer: Black Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4418-P01	11737995						
Layer: White Semi-Fibrous Material		Chrysotile	5 %	Amosite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (7%)					
AD4418-R01	11737996						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
AD4418-T01	11737997						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (100 %)							

Client Name: Vista Environmental Consultants

Report Number: B217642

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4418-U01	11737998						
Layer: Beige Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)		Synthetic (2 %)					
AD4418-V01	11737999						
Layer: White Fibrous Material		Chrysotile	45 %				
Total Composite Values of Fibrous Components:		Asbestos (45%)					
Synthetic (45 %)							
AD4418-W01	11738000						
Layer: White Semi-Fibrous Material		Chrysotile	5 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (7%)					
AD4418-Y01	11738001						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (100 %)							
AD4418-Z01	11738002						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Woven Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
AD4418-AA01	11738003						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4418-AA02	11738004						
Layer: White Putty			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-CC01	11738005						
Layer: White Fibrous Material		Chrysotile	80 %				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (76%)					
Cellulose (5 %)							
AD4418-DD01	11738006						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Grey Roof Shingle			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217642

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4418-DD02	11738007						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Grey Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
AD4418-EE01	11738008						
Layer: Grey/Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
AD4418-FF01	11738009						
Layer: Grey Mastic		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
AD4418-GG01	11738010						
Layer: Tan Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
AD4418-GG02	11738011						
Layer: Tan Semi-Fibrous Material		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
AD4418-HH01	11738012						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-HH02	11738013						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-II01	11738014						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4418-II02	11738015						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

Client Name: Vista Environmental Consultants

Report Number: B217642

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4418-JJ01	11738016						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4418-KK01	11738017						
Layer: Brown Mastic			ND				
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (90 %)							
AD4418-LL01	11738018						
Layer: Brown Mastic			ND				
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
AD4418-MM01	11738019						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Layer: Green Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
AD4418-MM02	11738020						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Layer: Green Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (9%)					
AD4418-NN01	11738021						
Layer: Brown Fibrous Material			ND				
Layer: Green Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4418-OO01	11738022						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4418-PP01	11738023						
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217642

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4418-QQ01	11738024						
Layer: Red Fibrous Material			ND				
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4418-RR01	11739314						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008065
Date Received: 03/04/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, AD4418

FALI Job ID: L1161

PLM Report Number: B217642

Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
AD4418-A01	11737978	Composite of ALL Layers White Drywall White Joint Compound White Tape White Joint Compound White Tape White Joint Compound Paint

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

AD4418-A02	11737979	Composite of ALL Layers White Drywall Tan Joint Compound Paint
-------------------	----------	--

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008065
Date Received: 03/04/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, AD4418

FALI Job ID: L1161

PLM Report Number: B217642

Total Samples Submitted: 2

Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/01/16

LOCATION: AD4418

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4418	A	01	UAC/TC	WHITE/WHITE		
AD4418	A	02				
AD4418	B	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY		
AD4418	B	02				
AD4418	C	01	ACT/MAS	12" WHITE, NON UNIFORM HOLE/BROWN		
AD4418	D	01	VFT/MAS	9" BEIGE/BLACK		
AD4418	E	01	BASECOVE/MAS	4" BEIGE/YELLOW		
AD4418	F	01	MORTAR/GROUT	WHITE/WHITE, CERAMIC WALL		
AD4418	F	02				
AD4418	G	01	MAS/MORTAR/GROUT	GRAY & BROWN/GRAY/GRAY		

ANALYTICAL METHOD: PLM ~~400 PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

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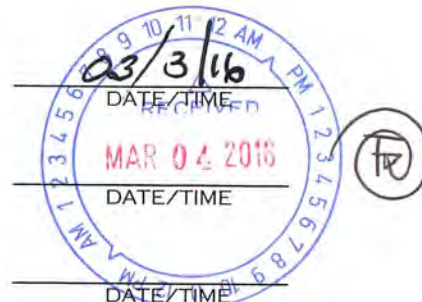
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LUIS J. ROCHA
PRINTED NAME

S. ADLISTER
PRINTED NAME

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/01/16

LOCATION: AD4418

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4418	G	02	↓	↓		
AD4418	H	01	JACKETING	WHITE, PIPES & ELBOWS		
AD4418	H	02	↓	↓		
AD4418	I	01	BASEDOME/MAS	4" BLACK/YELLOW		
AD4418	J	01	VFT/MAS/LEVELING	9" BROWN/BLACK/GRAY		
AD4418	K	01	ACT/VAPOR PAPER	2'x2' WHITE, UNIFORM HOLE / BROWN & TAN		
AD4418	K	02	↓	↓		
AD4418	P	01	INSULATION	WHITE, FIRE DOOR		
AD4418	R	01	ACT/MAS	12" WHITE, FISSURED / BROWN		
AD4418	T	01	INSULATION PAPER	GRAY, PANEL		

ANALYTICAL METHOD: PLM 400 ~~BT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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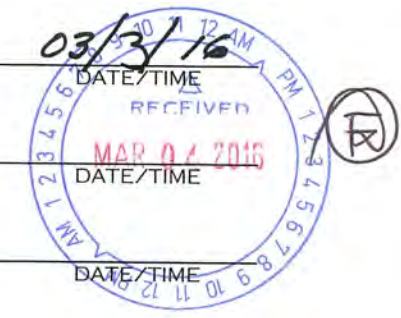
LUIS J. ROCHA
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2. [Signature]
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S. Hallister
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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/01/16

LOCATION: AD4418

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4418	U	01	INSULATION PAPER	BETGE, ELLET BOX		
AD4418	V	01	FLEX CONNECTOR	WHITE, HVAC		
AD4418	W	01	CEMENT PIPE	GRAY, 6" OD		
AD4418	Y	01	INSULATION	BROWN, FIRE DOOR		
AD4418	Z	01	PINEZ/MAS	BROWN/BROWN, SOUND WALL		
AD4418	AA	01	PUTTY	WHITE, WINDOW		
AD4418	CC	01	HEAT SHIELD	GRAY, ROUND LIGHT		
AD4418	DD	01	ROOFING	GREEN & BLACK, 3 TAB SHINGLE		
AD4418	DD	02	↓	↓		
AD4418	EE	01	MASTIC	GRAY & BLACK, ROOF		

ANALYTICAL METHOD: PLM ~~400 PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

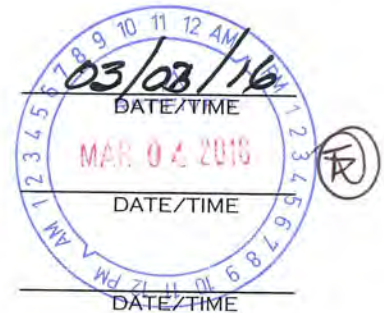
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LUIS J ROCHA
PRINTED NAME



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C. HALLISER
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* Extra sample was submitted but not listed (AD4418-AA02) * 3/5/16



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/01/16

LOCATION: AD4418

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4418	FF	01	MASTIC	GRAY, EXPANSION JOINT		
AD4418	GG	01	SEALANT	THRU WINDOW, GRAY, FRAMES & SEAMS		
AD4418	GG	02	↓	↓		
AD4418	HH	01	CONCRETE	GRAY, FOUNDATION		
AD4418	HH	02	↓	↓		
AD4418	II	01	ACT	12" WHITE, TEXTURED		
AD4418	II	02	↓	↓		
AD4418	OJ	01	JOINT COMPOUND	WHITE, PATCHING		
AD4418	KK	01	ACT/MAS	12" WHITE NON-UNIFORM HOLE / BROWN		
AD4418	LL	01	ACP/MAS	2'x4' WHITE, FISSURE / BROWN		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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3. _____
TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME

S. Hollister
PRINTED NAME

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/01/16

LOCATION: AD4418

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4418	MM	01	SEALANT	TAH, DOOR FRAME		
AD4418	MM	02				
AD4418	NN	01	GREEN BOARD / MAS	GREEN / BROWN		
AD4418	OO	01	ACT	12" WHITE, PINHOLE		
AD4418	PP	01	EXPANSION JOINT	BLACK, FLOOR		
AD4418	QQ	01	INSULATOR	BLACK & RED		
AD4418	RR	01	INSULATION	BLACK, WIRE		
47 SAMPLES						

ANALYTICAL METHOD: PLM ~~400 PTC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME

2. [Signature]
TRANSFER SIGNATURE

S. Hallister
PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME



**FORA
AD4418
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					6.63	cps
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1.1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
84	AD4418	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
85	AD4418	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
86	AD4418	1	OUTSIDE	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
88	AD4418	1	OUTSIDE	WEST	WALL	CONCRETE	RED	DETERIORATED	Negative	0.6	mg/cm ²
89	AD4418	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Positive	3.8	mg/cm ²
90	AD4418	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Positive	6.3	mg/cm ²
91	AD4418	1	OUTSIDE	WEST	DOWNSPOUT	METAL	WHITE	DETERIORATED	Positive	7.6	mg/cm ²
92	AD4418	1	OUTSIDE	NORTH	EAVE	WOOD	WHITE	DETERIORATED	Positive	3.4	mg/cm ²
93	AD4418	1	OUTSIDE	NORTH	FASCIA	WOOD	BROWN	DETERIORATED	Positive	4	mg/cm ²
94	AD4418	1	OUTSIDE	NORTH	GUTTER	METAL	BROWN	DETERIORATED	Positive	2.6	mg/cm ²
95	AD4418	1	OUTSIDE	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
96	AD4418	1	OUTSIDE	EAST	WALL	CONCRETE	BLACK	DETERIORATED	Negative	0.08	mg/cm ²
97	AD4418	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	DETERIORATED	Negative	0.21	mg/cm ²
98	AD4418	1	OUTSIDE	EAST	PEG BOARD	WOOD	RED	DETERIORATED	Negative	0.2	mg/cm ²
2					SHUTTER_CAL					6.99	cps
3					CALIBRATE				Positive	1.1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
5					CALIBRATE				Positive	1.1	mg/cm ²
6	AD4418	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
7	AD4418	1	1	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.4	mg/cm ²
8	AD4418	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4418
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
9	AD4418	1	1	NORTH	DOOR	WOOD	RED	INTACT	Negative	0.29	mg/cm ²
10	AD4418	1	1	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
11	AD4418	1	1	NORTH	TRIM	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
12	AD4418	1	1	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.5	mg/cm ²
13	AD4418	1	1	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Positive	1.5	mg/cm ²
14	AD4418	1	1	SOUTH	DOOR FRAME	METAL	WHITE	INTACT	Negative	0	mg/cm ²
15	AD4418	1	1	SOUTH	DOOR	WOOD	WHITE	INTACT	Positive	1.5	mg/cm ²
16	AD4418	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
17	AD4418	1	1	SOUTH	BASEBOARD	CONCRETE	BROWN	DETERIORATED	Negative	0.27	mg/cm ²
18	AD4418	1	1		CEILING	DRYWALL	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
19	AD4418	1	2		CEILING	DRYWALL	WHITE	INTACT	Negative	0.05	mg/cm ²
20	AD4418	1	2	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.03	mg/cm ²
21	AD4418	1	2	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
22	AD4418	1	2	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.2	mg/cm ²
23	AD4418	1	2	SOUTH	WINDOW	METAL	BROWN	DETERIORATED	Positive	1.5	mg/cm ²
24	AD4418	1	2	EAST	STALL	WOOD	BROWN	INTACT	Negative	0.5	mg/cm ²
25	AD4418	1	3	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
26	AD4418	1	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.24	mg/cm ²
27	AD4418	1	3	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
28	AD4418	1	3	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	1.8	mg/cm ²
29	AD4418	1	3	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.6	mg/cm ²
30	AD4418	1	3	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.6	mg/cm ²
31	AD4418	1	3	EAST	STAGE	WOOD	BROWN	INTACT	Negative	0.5	mg/cm ²
32	AD4418	1	3		FLOOR	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
33	AD4418	1	3	EAST	CHALKBOARD	WOOD	GREEN	INTACT	Positive	1.5	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4418
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
34	AD4418	1	3	EAST	CHALKBOARD FRAM	WOOD	WHITE	INTACT	Negative	0.08	mg/cm ²
35	AD4418	1	3	EAST	CHALKBOARD FRAM	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
36	AD4418	1	3	WEST	WALL	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
37	AD4418	1	3		CEILING	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
38	AD4418	1	3	WEST	TRIM	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
39	AD4418	1	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
40	AD4418	1	4	WEST	BASEBOARD	CONCRETE	BROWN	INTACT	Negative	0.21	mg/cm ²
41	AD4418	1	4	WEST	HVAC	METAL	GRAY	INTACT	Negative	0.04	mg/cm ²
42	AD4418	1	4	WEST	HVAC	METAL	BLACK	INTACT	Negative	0.01	mg/cm ²
43	AD4418	1	4	WEST	HVAC	METAL	WHITE	INTACT	Negative	0.03	mg/cm ²
44	AD4418	1	4	WEST	CABINET	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
45	AD4418	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
46	AD4418	1	5	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
47	AD4418	1	5	NORTH	WINDOW	METAL	BROWN	INTACT	Positive	1.7	mg/cm ²
48	AD4418	1	5	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.03	mg/cm ²
49	AD4418	1	5	EAST	TRIM	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
50	AD4418	1	5	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.12	mg/cm ²
51	AD4418	1	5	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
52	AD4418	1	6	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Positive	1.1	mg/cm ²
53	AD4418	1	6	SOUTH	DOOR	WOOD	WHITE	INTACT	Positive	1.9	mg/cm ²
54	AD4418	1	6	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
55	AD4418	1	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
56	AD4418	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
57	AD4418	1	7	NORTH	WINDOW FRAME	METAL	BROWN	INTACT	Positive	3.2	mg/cm ²
58	AD4418	1	7	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4418
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
59	AD4418	1	7	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
60	AD4418	1	8	EAST	WALL	DRYWALL	BEIGE	INTACT	Negative	0.07	mg/cm ²
61	AD4418	1	8	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
62	AD4418	1	8	NORTH	WINDOW SILL	CONCRETE	BEIGE	INTACT	Negative	0.02	mg/cm ²
63	AD4418	1	8	NORTH	WINDOW	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
64	AD4418	1	8	NORTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.11	mg/cm ²
65	AD4418	1	8	SOUTH	WINDOW	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
66	AD4418	1	8	WEST	BASEBOARD	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
67	AD4418	1	9	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
68	AD4418	1	9	SOUTH	WAINSCOT	CONCRETE	VARNISH	INTACT	Negative	0	mg/cm ²
69	AD4418	1	9	NORTH	WALL	DRYWALL	BEIGE	INTACT	Negative	0.02	mg/cm ²
70	AD4418	1	9	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.14	mg/cm ²
71	AD4418	1	9	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.07	mg/cm ²
72	AD4418	1	10	WEST	WALL	DRYWALL	BLUE	INTACT	Negative	0.02	mg/cm ²
73	AD4418	1	10	WEST	WALL	CERAMIC	WHITE	INTACT	Positive	2.9	mg/cm ²
74	AD4418	1	10	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
75	AD4418	1	10	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
76	AD4418	1	10		CEILING	DRYWALL	BLUE	INTACT	Negative	0.01	mg/cm ²
77	AD4418	1	10		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
78					CALIBRATE				Positive	1.1	mg/cm ²
79					CALIBRATE				Positive	1	mg/cm ²
80					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

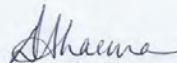
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71500-1
Client Project/Site: Building AD4418

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:22:51 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Job ID: 720-71500-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71500-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: AD4418-PCBB01 (720-71500-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: AD4418-PCBB01 (720-71500-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Client Sample ID: AD4418-PCBB01

Lab Sample ID: 720-71500-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	570000000		300000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Client Sample ID: AD4418-PCBB01

Lab Sample ID: 720-71500-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	570000000		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1221	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1232	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1242	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1248	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1254	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1260	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/23/16 13:16	04/25/16 18:02	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/23/16 13:16	04/25/16 18:02	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71500-1	AD4418-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71500-1	AD4418-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71500-1	AD4418-PCBB01	Total/NA	Solid	8082	201032
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032



Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Client Sample ID: AD4418-PCBB01

Lab Sample ID: 720-71500-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 18:02	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 2
- 3
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- 6
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 3
- 4
- 5
- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4418

TestAmerica Job ID: 720-71500-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71500-1	AD4418-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71500-1

Login Number: 71500

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-01	30736300	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	2300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	57	mg/kg	5	EPA 3050B/6010B
		Cr	70	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	22	mg/kg	2	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	390	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	12	mg/kg	8	EPA 3050B/6010B
		Zn	1400	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-02	30736301	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8800	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	89	mg/kg	6	EPA 3050B/6010B
		Cr	1300	mg/kg	30	EPA 3050B/6010B
		Cu	21	mg/kg	8	EPA 3050B/6010B
		Hg	11	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	6900	mg/kg	70	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	5400	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171603
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/27/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737910	Pb	40	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737911	Pb	130	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171602
Date Received: 04/28/16
Date Analyzed: 05/04/16
Date Printed: 05/04/16
First Reported: 05/04/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737908	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737909	Pb	4.5	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-03	30736302	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30736303	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	6	mg/kg	2	EPA 3050B/6010B
		Cr	32	mg/kg	2	EPA 3050B/6010B
		Cu	10	mg/kg	3	EPA 3050B/6010B
		Hg	2.2	mg/kg	0.3	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	8	mg/kg	3	EPA 3050B/6010B
		Pb	170	mg/kg	3	EPA 3050B/6010B
		Sb	66	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	15	mg/kg	2	EPA 3050B/6010B
		Zn	1300	mg/kg	50	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171382
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737287	Pb	6.3	mg/l	0.7	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171383
Date Received: 04/25/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737288	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

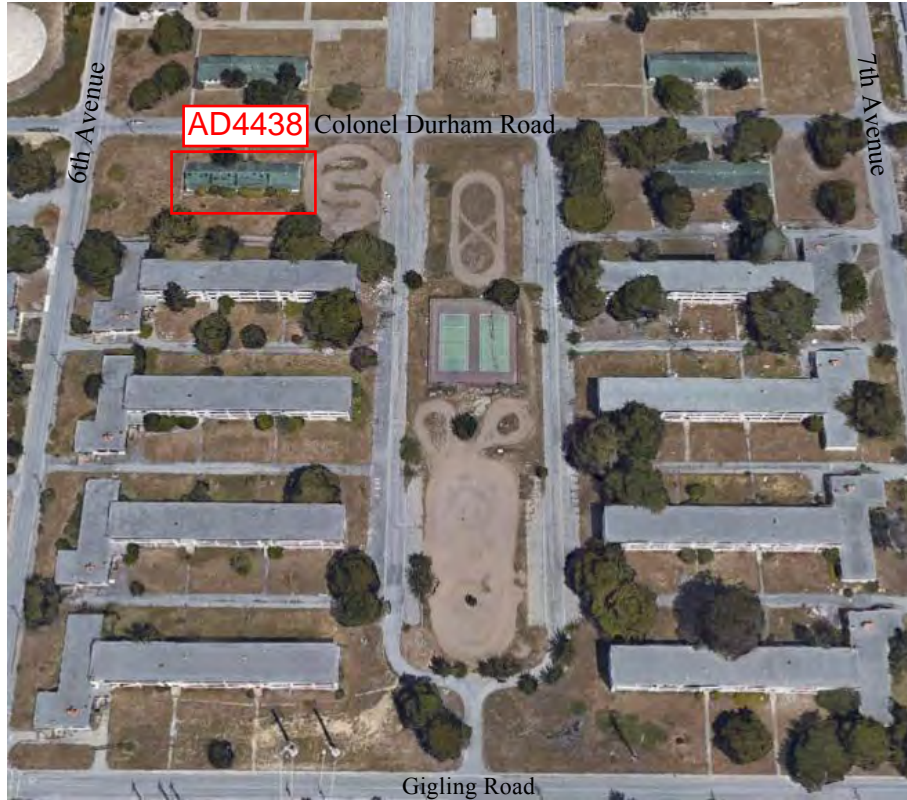
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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: <u>4/12/16</u> Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: <u>5 Day</u> Due Date: <u>4/20/16</u> Due Time: <u>EOD</u> <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD/AR	Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com <div style="text-align: right; font-size: 1.2em;"><u>Hold for possible TCLP/STLC</u></div>

Sample ID	Date/ Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD/AR - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-04	4/12/16 1400	83 % CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1 %	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		Unpainted Wood (90 by wt)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: <u>Chris Burns</u> Date: <u>4/12/16</u> Time: <u>1400</u>		
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished by: Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: Date / Time: <u>APR 13 2015 1130</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING AD4438



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING AD4438 HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT (F, G & L)	Vinyl Floor Tile	9" Green, Brown, and Black	Throughout Except North Central Storage Rooms and Projection Booth. This material may be under carpeting and walls.	Class II	Category I - Non-Friable	4,500 SF
H	Cement Pipe	6" OD, Gray	Attic Space to Roof: Above Projection Booths, and HVAC	Class II	Category II- Non-Friable	40 SF (4 Each)
K	Flex Connector	White, HVAC	HVAC Units	Class II	Friable (RACM when Removed)	12 SF (4 Each)
M	Putty	Gray, Window	Exterior Windows	Class II	Category II- Non-Friable	630 SF (26 Windows)
O	Mastic	Gray & Black, Penetrations	Roof	Class II	Category I - Non-Friable	20 SF
R	Insulation	White, Fire Door	Lobby into Projection Booths	Unclassified	Friable (RACM when Removed)	62 SF (4 Each)
Z	Vinyl Floor Tile/Mastic	9" Tan/Black	North West Storage, North East Office as Patching	Class II	Category I - Non-Friable	80 SF
AA	Sealant	Tan, Door Frame	Exterior Doors	Class II	Category I - Non-Friable	10 SF (126 LF)

BUILDING AD4438

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
11	1	Outside	North	Door Frame	Wood	Brown	Deteriorated	2.7	mg/cm ²
12	1	Outside	South	Eave	Wood	Beige	Deteriorated	2.5	mg/cm ²
13	1	Outside	East	Flashing	Wood	Beige	Deteriorated	2.3	mg/cm ²
15	1	Outside	West	Downspout	Metal	Beige	Intact	1.9	mg/cm ²
16	1	1	North	Wall	Concrete	White	Deteriorated	3.8	mg/cm ²
21	1	1	South	Wall	Concrete	White	Deteriorated	7.3	mg/cm ²
29	1	2	South	Door Frame	Wood	White	Intact	1.5	mg/cm ²
32	1	2	North	Window	Metal	Orange	Deteriorated	2.3	mg/cm ²
34	1	2	North	Baseboard	Ceramic	Beige	Intact	8.7	mg/cm ²
35	1	2		Floor	Ceramic	Beige	Intact	6.5	mg/cm ²
36	1	2		Floor	Ceramic	Blue	Intact	9.1	mg/cm ²
42	1	3	South	Window	Metal	Brown	Intact	3.3	mg/cm ²
46	1	4	North	Wall	Concrete	White	Intact	4.2	mg/cm ²
47	1	4	East	Wall	Drywall	White	Intact	5.2	mg/cm ²
49	1	4	North	Window	Metal	Brown	Intact	3	mg/cm ²
56	1	4	West	Panel	Wood	Green	Intact	1.5	mg/cm ²
59	1	5	West	Wall	Drywall	White	Intact	5.5	mg/cm ²
60	1	5	South	Wall	Concrete	White	Deteriorated	4.7	mg/cm ²
61	1	5	South	Window Sill	Concrete	White	Intact	4.3	mg/cm ²
62	1	5	South	Window	Concrete	Brown	Intact	2	mg/cm ²
67	1	5	North	Trim	Wood	White	Intact	1.9	mg/cm ²
77	1	7	North	Window Frame	Metal	Brown	Intact	3	mg/cm ²
94	1	5	North	Wall	Drywall	White	Deteriorated	3	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING AD4438

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
AD/AR-T22-01 Interior Paint (TTLC)	2300	70	57	NA	22	NA	390	NA	12	1400	mg/kg
(STLC)							40				mg/l
(TCLP)							1.2				mg/l
AD/AR-T22-02 Exterior Paint (TTLC)	8800	1300	89	21	11	NA	6900	NA	NA	5400	mg/kg
(STLC)							130				mg/l
(TCLP)							4.5				mg/l
AD/AR-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	mg/kg
AD/AR-T22-04 Other (TTLC)	1800	32	6	10	2.2	8	170	66	15	1300	mg/kg
(STLC)							6.3				mg/l
(TCLP)							<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	104
Light Fixture Ballasts	Polychlorinated Biphenyls	51
Smoke Detector	Low-Level Radiation	11

Note: Mold growth is visible throughout.

BUILDING AD4438 HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
AD4438-PCBB01	Ballast Capacitor Oil	PCB-1242	50,000	mg/kg




PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a “PCB Bulk Product Waste” according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

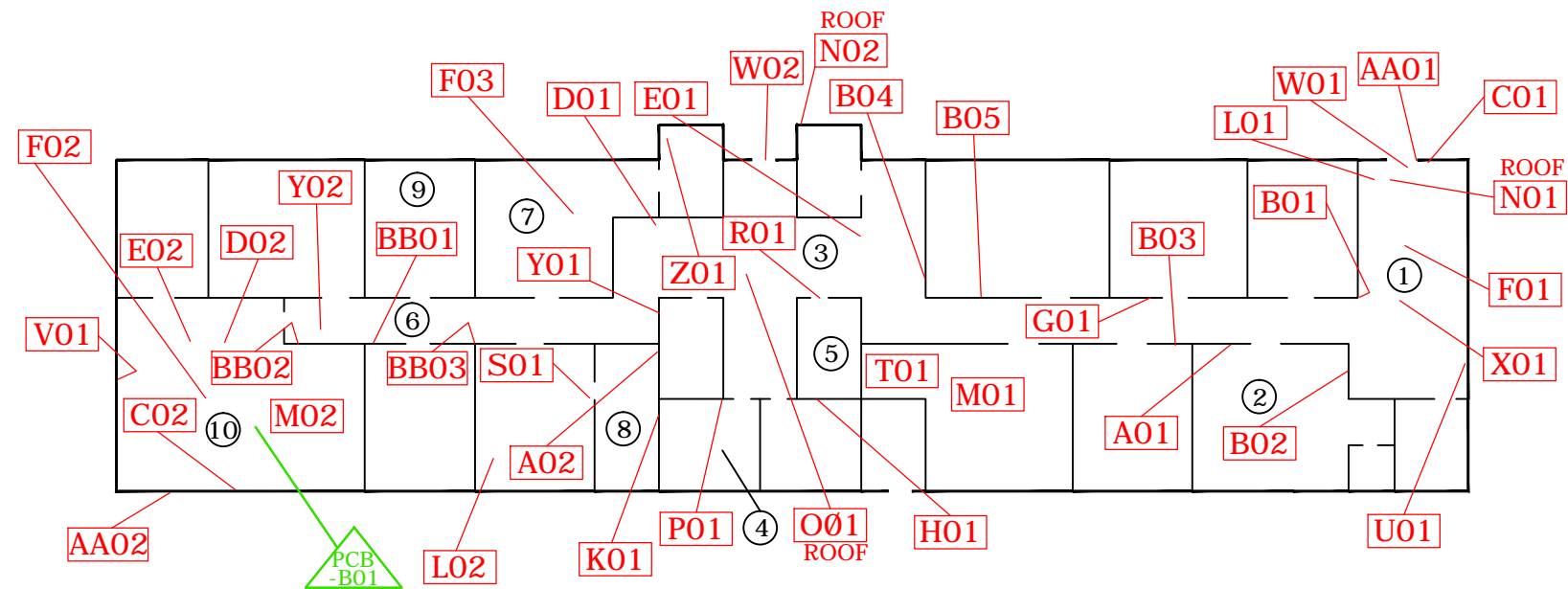
BUILDING AD4438 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Wallboard/Joint Compound	White/White	2
B	Texture Coat	White, Small	5
C	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray	2
D	Acoustic Ceiling Tile/Vapor Paper	2'x2' White/Black	2
E	Vinyl Floor Tile/Mastic	12" Beige/Black	2
F	Vinyl Floor Tile/Mastic	9" Green/Black	1
G	Vinyl Floor Tile/Mastic	9" Brown/Black	1
H	Cement Pipe	6" OD, Gray	1
I	Not Used	Not Used	Not Used
J	Not Used	Not Used	Not Used
K	Flex Connector	White, HVAC	1
L	Vinyl Floor Tile/Mastic	9" Black/Black	1
M	Putty	Gray, Window	2
N	Roofing	Green, 3 Tab Shingle	2
O	Mastic	Gray & Black, Penetrations	1
P	Expansion Joint	Black, Floor	1
Q	Not Used	Not Used	Not Used
R	Insulation	White, Fire Door	1
S	Insulation	Brown, Fire Door	1
T	Insulation	Black, Wire	1
U	Joint Compound	White, Concrete Masonry Unit Patching	1
V	Panel	Brown, Sound Wall	1

**BUILDING AD4438
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Concrete	Gray, Foundation	2
X	Vinyl Floor Tile/Mastic	9" White/Black	1
Y	Acoustic Ceiling Tile/Mastic	12" White Non-Uniform Hole/Brown	2
Z	Vinyl Floor Tile/Mastic	9" Tan/Black	1
AA	Sealant	Tan, Door Frame	2
BB	Texture Coat	White, "Pocks"	3

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATION





VISTA ENVIRONMENTAL CONSULTING
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 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

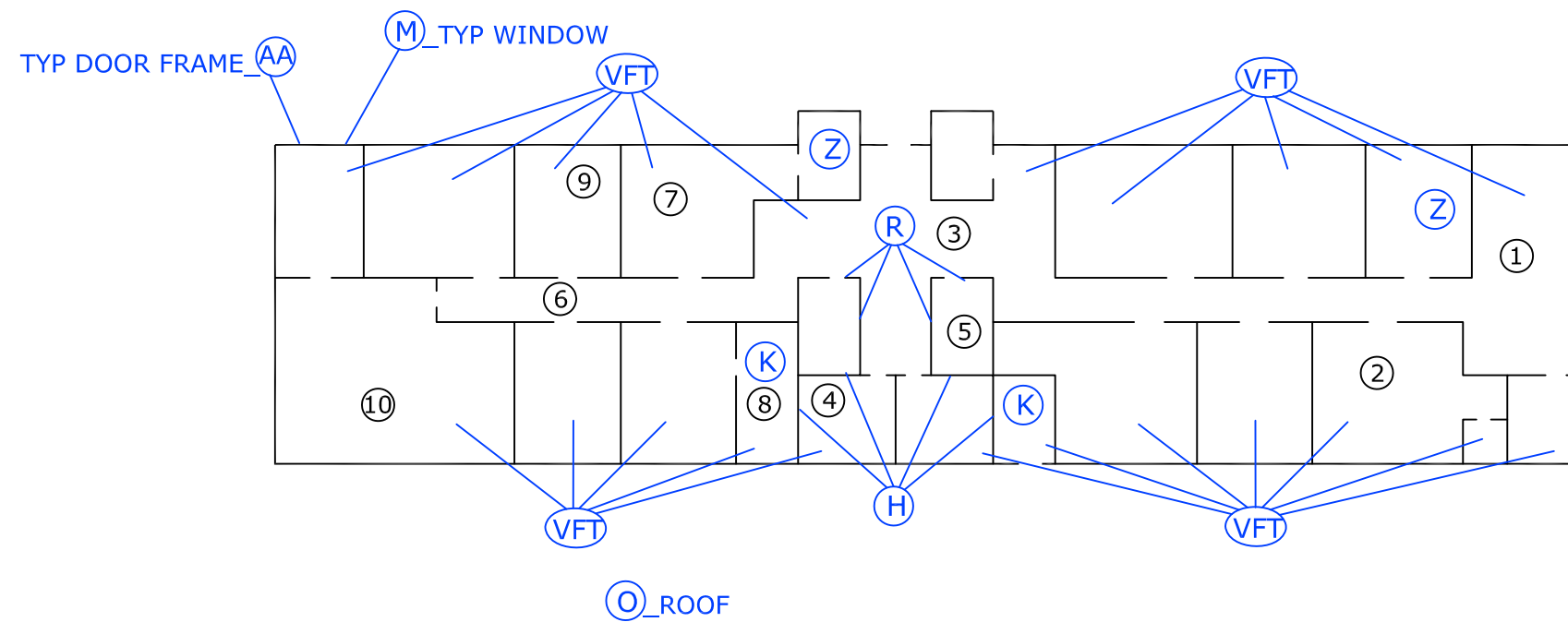
PROJECT TITLE
 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AD4438
 SAMPLE LOCATIONS

SCALE: 1"=20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/05/2016
 DRAWING No.

FIGURE
 AD4438

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE

BUILDING AD4438
 MATERIAL LOCATIONS

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

AD4438

BUILDING AD4438
PHOTO DOCUMENTATION



BUILDING AD4438
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217493
Date Received: 03/02/16
Date Analyzed: 03/07/16
Date Printed: 03/07/16
First Reported: 03/07/16

Job ID/Site: 161091001 - FORA, AD4438

FALI Job ID: L1161
Total Samples Submitted: 40
Total Samples Analyzed: 40

Date(s) Collected: 02/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4438-A-01	11737088						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: White Tape			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-A-02	11737089						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-B-01	11737090						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: White Tape			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-B-02	11737091						
Layer: White Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-B-03	11737092						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

Client Name: Vista Environmental Consultants

Report Number: B217493

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4438-B-04	11737093						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-B-05	11737094						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-C-01	11737095						
Layer: Light Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Green Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-C-02	11737096						
Layer: Light Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Green Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-D-01	11737097						
Layer: Grey Fibrous Material			ND				
Layer: Brown Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4438-D-02	11737098						
Layer: Tan Fibrous Material			ND				
Layer: Brown Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4438-E-01	11737099						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217493

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4438-E-02	11737100						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-F-01	11737101						
Layer: Green Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-G-01	11737102						
Layer: Brown Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-H-01	11737103						
Layer: White Semi-Fibrous Material		Chrysotile	7 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (9%)					
AD4438-K-01	11737104						
Layer: White Fibrous Material		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (70%)					
Synthetic (20 %)							
AD4438-L-01	11737105						
Layer: Black Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-M-01	11737106						
Layer: Grey Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
AD4438-M-02	11737107						
Layer: Grey Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
AD4438-N-01	11737108						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217493

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4438-N-02	11737109						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
AD4438-O-01	11737110						
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
AD4438-P-01	11737111						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
AD4438-R-01	11737112						
Layer: White Semi-Fibrous Material		Chrysotile	15 %				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
AD4438-S-01	11737113						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4438-T-01	11737114						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)							
AD4438-U-01	11737115						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-V-01	11737116						
Layer: Brown Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4438-W-01	11737117						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217493

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4438-W-02	11737118						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4438-X-01	11737119						
Layer: Brown Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4438-Y-01	11737120						
Layer: Black Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %) Fibrous Glass (20 %)							
AD4438-Y-02	11737121						
Layer: Black Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %) Fibrous Glass (20 %)							
AD4438-2-01	11737122						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AD4438-AA-01	11737123						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
AD4438-AA-02	11737124						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217493

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4438-BB-01	11737125						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: White Tape			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-BB-02	11737126						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
AD4438-BB-03	11737127						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/29/16

LOCATION: AD4438

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4438	A	01	WB/IC	white/white		
AD4438	A	02	↓	↓		
AD4438	B	01	Textured Coat	white, small		
AD4438	B	02	↓	↓		
AD4438	B	03				
AD4438	B	04				
AD4438	B	05				
AD4438	C	01	Paint/Grout MORTAR	white/gray/ Grays		
AD4438	C	02	↓	↓		
AD4438	D	01	Acoustic CT/ Vapor Paper	2x2' white/ Black		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

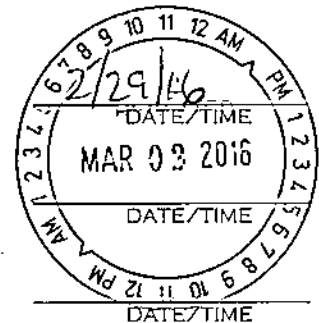
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

- 
 TRANSFER SIGNATURE
- DBS FR
 TRANSFER SIGNATURE
- _____
 TRANSFER SIGNATURE

- CHRIS BURNS
PRINTED NAME
- _____
PRINTED NAME
- _____
PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/29/16

LOCATION: AD4438

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4438	D	02	ACT/ Vapor Paper	2x2 White/ Black		
AD4438	E	01	VET/MAS	12" Beige/ Black		
AD4438	E	02	↓	↓		
AD4438	F	01	VET/MAS	7" Green/ Black		
AD4438	G	01	VET/MAS	9" Brown/ Black		
AD4438	H	01	Cement PIPE	Gray, 6" OD		
AD4438	K	01	Flex CONNECTOR	white, HVAC		
AD4438	L	01	VET/MAS	9" Black/ Black		
AD4438	M	01	PUTTY	Gray, window		
AD4438	M	02	↓	↓		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

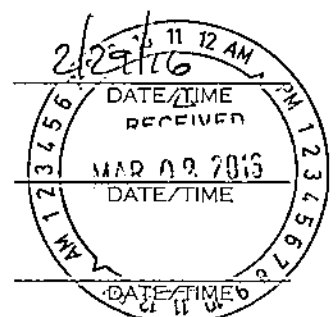
CHRIS BURNS
PRINTED NAME

2. DBS hxc
TRANSFER SIGNATURE

PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/29/16

LOCATION: AD4438

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4438	N	01	ROOFING	GREEN 3 Tab Shingle		
AD4438	N	02	↓	↓		
AD4438	O	01	Mastic	Gray & Black, Penetration		
AD4438	P	01	Expansion Joint	Black, Floor		
AD4438	R	01	INSULATION	White, Fire door		
AD4438	S	01	INSULATION	Brown, Fire door		
AD4438	T	01	INSULATION	Black, Wire		
AD4438	U	01	Joint Compound	White Patch on Conc		
AD4438	V	01	Panel	Brown, Sand		
AD4438	W	01	Concrete	Gray Foundation		

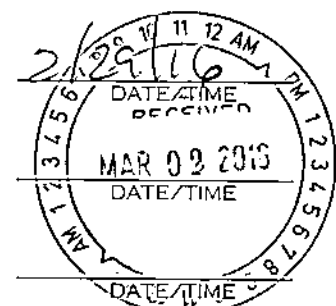
ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE Chris Burns PRINTED NAME
 2. DBS FR TRANSFER SIGNATURE _____ PRINTED NAME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/25/16

LOCATION: AD4438

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4438	W	02	Concrete	Gray, Foundation		
AD4438	X	01	VPT/MAS	9" White/Black		
AD4438	Y	01	ACT/MAS	12" White Nonuniform Hole/Brown		
AD4438	Y	02	↓	↓		
AD4438	Z	01	VPT/MAS	9" TALL/Black		
AD4438	AA	01	Sealant	Talk, Door Frame		
AD4438	AA	02	↓	↓		
AD4438	BB	01	Texture Coat	White, Poles		
AD4438	BB	02	↓	↓		
AD4438	BB	03	↓	↓		

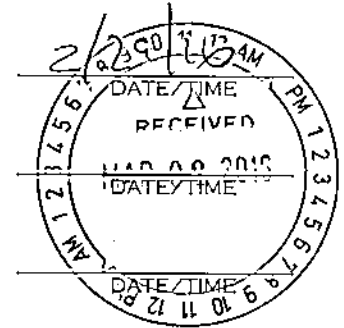
ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE Chris Burns PRINTED NAME
 2. [Signature] TRANSFER SIGNATURE DBS PRINTED NAME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B221126
Date Received: 05/11/16
Date Analyzed: 05/11/16
Date Printed: 05/11/16
First Reported: 05/11/16

Job ID/Site: 161091001 - FORA, AD4538

FALI Job ID: L1161
Total Samples Submitted: 3
Total Samples Analyzed: 3

Date(s) Collected: 05/10/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4538-L02	11763229						
Layer: Black Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AD4538-F02	11763230						
Layer: Green Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
AD4538-F03	11763231						
Layer: Green Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001	Date: 05/10/16
	Turn Around Time: <input checked="" type="checkbox"/> 2 hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input type="checkbox"/> Ext: _____	
Due Date: 05/11/16		Due Time: _____
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402	
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %	
Site: FORA	<input type="checkbox"/> TEM Microvac	
Job: AD4538	<input type="checkbox"/> Special Project: _____	
<input type="checkbox"/> Metals Analysis: Method _____		
Matrix: _____		
Analytes: _____		

Comments / Email Reports To:
chrisburns@vista-env.com & molli@vista-env.com

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD4538-L02	5/10/16	9" VFT/MAS, BLACK/BLACK	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				/
AD4538-F02	↓	.9"VFT/MAS, GREEN/BLACK	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				/
AD4538-F03		9"VFT/MAS, GREEN/BLACK	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				/
				<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C			
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
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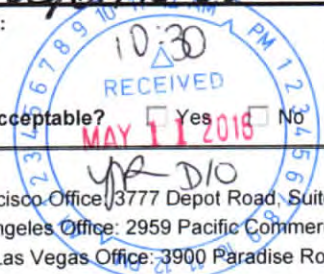
3 SAMPLES

Sampled by: JAVIER ROCHA Date: 05/10/16 Time: 0805

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: <i>Javier Rocha</i>	Relinquished by:	Relinquished by:
Date / Time: 05/10/16 0900	Date / Time:	Date / Time:

Received by:	Received by:	Received by:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No



**FORA
AD4438
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
201				CALIBRATE					Positive	1.1	
202				CALIBRATE					Positive	1	mg/cm ²
203				CALIBRATE					Positive	1.1	mg/cm ²
204	AD4438	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
205	AD4438	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Positive	2.6	mg/cm ²
206	AD4438	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Positive	3	mg/cm ²
208	AD4438	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
209	AD4438	1	OUTSIDE	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
210	AD4438	1	OUTSIDE	EAST	WALL	CONCRETE	YELLOW	DETERIORATED	Positive	2.9	mg/cm ²
211	AD4438	1	OUTSIDE	NORTH	EAVE	WOOD	WHITE	DETERIORATED	Positive	2.8	mg/cm ²
212	AD4438	1	OUTSIDE	NORTH	FASCIA	WOOD	WHITE	DETERIORATED	Positive	4.3	mg/cm ²
213	AD4438	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
214	AD4438	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
215	AD4438	1	1	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
216	AD4438	1	1	WEST	BASEBOARD	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
217	AD4438	1	1	WEST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
218	AD4438	1	1	SOUTH	CABINET	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
219	AD4438	1	1	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.14	mg/cm ²
220	AD4438	1	1	WEST	TRIM	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
221	AD4438	1	1		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
222	AD4438	1	1		FLOOR	VINYL	BEIGE	INTACT	Negative	0	mg/cm ²
223	AD4438	1	2		FLOOR	VINYL	BLACK	INTACT	Negative	0	mg/cm ²
224	AD4438	1	2	NORTH	BASEBOARD	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
225	AD4438	1	2	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
226	AD4438	1	2	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
227	AD4438	1	2	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4438
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
228	AD4438	1	2	NORTH	TRIM	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
229	AD4438	1	2	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.18	mg/cm ²
230	AD4438	1	2	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
231	AD4438	1	2	SOUTH	WINDOW	METAL	WHITE	INTACT	Positive	2	mg/cm ²
232	AD4438	1	3	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.4	mg/cm ²
233	AD4438	1	3	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.3	mg/cm ²
234	AD4438	1	3	EAST	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.24	mg/cm ²
235	AD4438	1	3	SOUTH	DOOR	WOOD	BROWN	DETERIORATED	Negative	0.16	mg/cm ²
236	AD4438	1	3	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.15	mg/cm ²
237	AD4438	1	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.16	mg/cm ²
238	AD4438	1	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
239	AD4438	1	3	EAST	DOOR FRAME	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
240	AD4438	1	3	EAST	WALL PANEL	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
241	AD4438	1	3	NORTH	BASEBOARD	WOOD	BROWN	INTACT	Negative	0.1	mg/cm ²
243	AD4438	1	3	WEST	TRIM	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
244	AD4438	1	3		CEILING	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
245	AD4438	1	4	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.8	mg/cm ²
246	AD4438	1	4	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.09	mg/cm ²
247	AD4438	1	4	SOUTH	WALL	CONCRETE	BROWN	DETERIORATED	Negative	0.6	mg/cm ²
248	AD4438	1	4	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.6	mg/cm ²
249	AD4438	1	4	SOUTH	WINDOW	GLASS	WHITE	DETERIORATED	Negative	0	mg/cm ²
250	AD4438	1	4	SOUTH	WINDOW	METAL	WHITE	DETERIORATED	Positive	1.7	mg/cm ²
251	AD4438	1	4	SOUTH	PIPE	METAL	WHITE	DETERIORATED	Negative	0.8	mg/cm ²
252	AD4438	1	4	WEST	STALL	WOOD	WHITE	INTACT	Negative	0.6	mg/cm ²
253	AD4438	1	4	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0.7	mg/cm ²
254	AD4438	1	4	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Negative	0.16	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4438
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
255	AD4438	1	5	WEST	DOOR	WOOD	WHITE	INTACT	Positive	1.2	mg/cm ²
256	AD4438	1	5	WEST	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.15	mg/cm ²
257	AD4438	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
258	AD4438	1	5		STAIRS	CONCRETE	YELLOW	INTACT	Positive	2.8	mg/cm ²
259	AD4438	1	5		FLOOR	CONCRETE	RED	DETERIORATED	Negative	0.21	mg/cm ²
260	AD4438	1	6	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.12	mg/cm ²
261	AD4438	1	6	SOUTH	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
262	AD4438	1	6	SOUTH	TRIM	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
263	AD4438	1	6	NORTH	BASEBOARD	WOOD	BEIGE	INTACT	Negative	0.4	mg/cm ²
264	AD4438	1	6	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0.27	mg/cm ²
265	AD4438	1	6	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Negative	0.17	mg/cm ²
266	AD4438	1	6		CEILING	WOOD	WHITE	INTACT	Negative	0.02	mg/cm ²
267	AD4438	1	7	SOUTH	WALL	DRYWALL	WHITE	INTACT	Positive	1.9	mg/cm ²
268	AD4438	1	7	SOUTH	WALL	DRYWALL	BROWN	INTACT	Negative	0.8	mg/cm ²
269	AD4438	1	7	EAST	WALL	DRYWALL	WHITE	INTACT	Positive	2.5	mg/cm ²
270	AD4438	1	7	WEST	WALL	DRYWALL	WHITE	INTACT	Positive	1.6	mg/cm ²
271	AD4438	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.4	mg/cm ²
272	AD4438	1	7	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Positive	1.4	mg/cm ²
273	AD4438	1	7	NORTH	WINDOW	METAL	WHITE	INTACT	Positive	2	mg/cm ²
274	AD4438	1	7	WEST	TRIM	WOOD	WHITE	INTACT	Negative	0.14	mg/cm ²
275	AD4438	1	7	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Positive	2.3	mg/cm ²
276	AD4438	1	7	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.09	mg/cm ²
277	AD4438	1	7	SOUTH	BASEBOARD	WOOD	BROWN	DETERIORATED	Positive	1.3	mg/cm ²
278	AD4438	1	7		FLOOR	VINYL	BROWN	INTACT	Negative	0	mg/cm ²
279	AD4438	1	8		FLOOR	VINYL	GREEN	INTACT	Negative	0	mg/cm ²
280	AD4438	1	8	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.14	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4438
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
281	AD4438	1	8	NORTH	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
282	AD4438	1	8	EAST	DUCT	METAL	BLACK	DETERIORATED	Negative	0.01	mg/cm ²
283	AD4438	1	8	EAST	FURNANCE	METAL	GRAY	INTACT	Negative	0	mg/cm ²
284	AD4438	1	8	EAST	DUCT	METAL	WHITE	INTACT	Negative	0.07	mg/cm ²
285	AD4438	1	8	EAST	BASEBOARD	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
286	AD4438	1	9	SOUTH	WALL	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
287	AD4438	1	9	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.05	mg/cm ²
288	AD4438	1	9	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0.03	mg/cm ²
289	AD4438	1	9	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
290	AD4438	1	10	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
291	AD4438	1	10	SOUTH	WINDOW SILL	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
292	AD4438	1	10	WEST	TRIM	WOOD	BROWN	INTACT	Negative	0.14	mg/cm ²
293	AD4438	1	10	WEST	PANEL	WOOD	WHITE	INTACT	Negative	0.07	mg/cm ²
294	AD4438	1	10	WEST	PANEL	WOOD	GREEN, LIGHT	INTACT	Negative	0.19	mg/cm ²
295	AD4438	1	10	WEST	PANEL	WOOD	GREEN	INTACT	Positive	1.7	mg/cm ²
296	AD4438	1	10	NORTH	FLOOR	WOOD	VARNISH	INTACT	Negative	0.04	mg/cm ²
297	AD4438	1	10	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
298	AD4438	1	10	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
299	AD4438	1	10	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
300	AD4438	1	11	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
301	AD4438	1	11	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
302	AD4438	1	11	NORTH	WAINSCOT	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

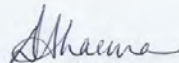
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71499-1
Client Project/Site: Building AD4438

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:18:36 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Job ID: 720-71499-1

Laboratory: TestAmerica Pleasanton

Narrative

**Job Narrative
720-71499-1**

Comments

No additional comments.

Receipt

The samples were received on 4/12/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a dilution due to the nature of the sample matrix: AD4438-PCBB01 (720-71499-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Client Sample ID: AD4438-PCBB01

Lab Sample ID: 720-71499-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	1100000000		50000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Client Sample ID: AD4438-PCBB01

Lab Sample ID: 720-71499-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 13:19	20000
PCB-1221	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 13:19	20000
PCB-1232	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 13:19	20000
PCB-1242	1100000000		50000000		ug/Kg		04/23/16 07:50	04/25/16 13:19	20000
PCB-1248	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 13:19	20000
PCB-1254	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 13:19	20000
PCB-1260	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 13:19	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	42 - 147				04/23/16 07:50	04/25/16 13:19	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	30 - 148				04/23/16 07:50	04/25/16 13:19	20000



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Waste

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (42-147)	DCB1 (30-148)
720-71499-2	AD4438-PCBB01	0 X D	0 X D
LCS 720-201028/2-A	Lab Control Sample	120	107
MB 720-201028/1-A	Method Blank	116	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201028/1-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1221	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1232	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1242	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1248	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1254	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1260	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		42 - 147	04/23/16 07:50	04/23/16 13:46	1
DCB Decachlorobiphenyl	105		30 - 148	04/23/16 07:50	04/23/16 13:46	1

Lab Sample ID: LCS 720-201028/2-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4000	4380		ug/Kg		110	85 - 153
PCB-1260	4000	4110		ug/Kg		103	78 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	120		42 - 147
DCB Decachlorobiphenyl	107		30 - 148

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

GC Semi VOA

Prep Batch: 201028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71499-2	AD4438-PCBB01	Total/NA	Waste	3580A	
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 720-201028/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 201029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	8082	201028
MB 720-201028/1-A	Method Blank	Total/NA	Waste	8082	201028

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71499-2	AD4438-PCBB01	Total/NA	Waste	8082	201028

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Client Sample ID: AD4438-PCBB01

Lab Sample ID: 720-71499-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			201028	04/23/16 07:50	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 13:19	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 3
- 4
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- 6
- 7
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- 9
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- 11
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- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4438

TestAmerica Job ID: 720-71499-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71499-2	AD4438-PCBB01	Waste	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71499-1

Login Number: 71499

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-01	30736300	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	2300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	57	mg/kg	5	EPA 3050B/6010B
		Cr	70	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	22	mg/kg	2	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	390	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	12	mg/kg	8	EPA 3050B/6010B
		Zn	1400	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-02	30736301	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8800	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	89	mg/kg	6	EPA 3050B/6010B
		Cr	1300	mg/kg	30	EPA 3050B/6010B
		Cu	21	mg/kg	8	EPA 3050B/6010B
		Hg	11	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	6900	mg/kg	70	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	5400	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171603
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/27/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737910	Pb	40	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737911	Pb	130	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171602
Date Received: 04/28/16
Date Analyzed: 05/04/16
Date Printed: 05/04/16
First Reported: 05/04/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737908	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737909	Pb	4.5	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-03	30736302	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30736303	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	6	mg/kg	2	EPA 3050B/6010B
		Cr	32	mg/kg	2	EPA 3050B/6010B
		Cu	10	mg/kg	3	EPA 3050B/6010B
		Hg	2.2	mg/kg	0.3	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	8	mg/kg	3	EPA 3050B/6010B
		Pb	170	mg/kg	3	EPA 3050B/6010B
		Sb	66	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	15	mg/kg	2	EPA 3050B/6010B
		Zn	1300	mg/kg	50	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171382
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737287	Pb	6.3	mg/l	0.7	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171383
Date Received: 04/25/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737288	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

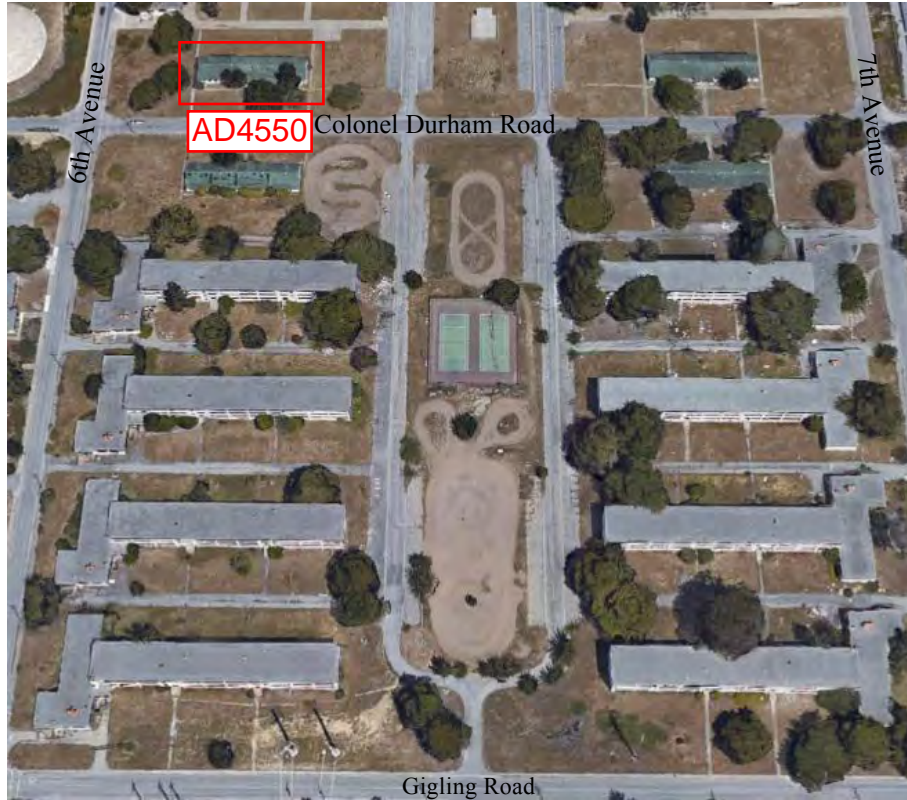
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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: <u>4/12/16</u> Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: <u>5 Day</u> Due Date: <u>4/20/16</u> Due Time: <u>EOD</u> <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD/AR	Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com <div style="text-align: right; font-size: 1.2em;"><u>Hold for possible TCLP/STL</u></div>

Sample ID	Date/ Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD/AR - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-04	4/12/16 1400	83 % CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1 %	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		Unpainted Wood (90 by wt)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: <u>Chris Burns</u> Date: <u>4/12/16</u> Time: <u>1400</u>		
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished by: Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: Date / Time: <u>APR 13 2015 1130</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING AD4550



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING AD4550

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
H	Cement Pipe	6" OD, Gray	Attic Space to Roof: Above Projection Booths, and HVAC	Class II	Category II-Non-Friable	40 SF (4 Each)
K	Flex Connector	White, HVAC	HVAC Units	Class II	Friable (RACM when Removed)	12 SF (4 Each)
M	Putty	Gray, Window	Exterior Windows	Class II	Category II-Non-Friable	630 SF (26 Windows)
O	Mastic	Gray & Black, Penetrations	Roof	Class II	Category I - Non-Friable	20 SF
R	Insulation	White, Fire Door	Lobby into Projection Booths	Unclassified	Friable (RACM when Removed)	62 SF (4 Each)
Y	Sealant	Tan, Door Frame	Exterior Doors	Class II	Category I - Non-Friable	10 SF (126 LF)

BUILDING AD4550

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
101	1	Outside	South	Door Frame	Wood	Brown	Deteriorated	7	mg/cm ²
103	1	Outside	East	Downspout	Metal	Beige	Intact	2.5	mg/cm ²
104	1	Outside	East	Fascia	Wood	Beige	Deteriorated	4.1	mg/cm ²
105	1	Outside	East	Eave	Wood	Beige	Deteriorated	3	mg/cm ²
106	1	Outside	South	Door	Wood	Brown	Deteriorated	1.7	mg/cm ²
107	1	Outside	North	Door	Wood	Brown	Deteriorated	1.3	mg/cm ²
108	1	Outside	North	Door Frame	Wood	Brown	Deteriorated	4.6	mg/cm ²
119	1	1	North	Door	Wood	Brown	Intact	1.3	mg/cm ²
120	1	1	South	Door Frame	Metal	Brown	Intact	1.7	mg/cm ²
129	1	3	East	Door	Wood	Blue	Intact	1	mg/cm ²
142	1	4	North	Window	Metal	White	Intact	2.4	mg/cm ²
157	1	5	South	Window	Metal	Gray	Intact	2.1	mg/cm ²
167	1	6	South	Window	Metal	Gray	Deteriorated	2.4	mg/cm ²
190	1	10	South	Door Frame	Wood	Gray	Deteriorated	1.9	mg/cm ²
191	1	10	South	Window Frame	Metal	Gray	Intact	2.3	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING AD4550

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
AD/AR-T22-01 Interior Paint (TTLC)	2300	70	57	NA	22	NA	390	NA	12	1400	mg/kg
(STLC)							40				mg/l
(TCLP)							1.2				mg/l
AD/AR-T22-02 Exterior Paint (TTLC)	8800	1300	89	21	11	NA	6900	NA	NA	5400	mg/kg
(STLC)							130				mg/l
(TCLP)							4.5				mg/l
AD/AR-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	mg/kg
AD/AR-T22-04 Other (TTLC)	1800	32	6	10	2.2	8	170	66	15	1300	mg/kg
(STLC)							6.3				mg/l
(TCLP)							<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	125
Light Fixture Ballasts	Polychlorinated Biphenyls	60

Note: Mold growth is visible throughout.

BUILDING AD4550 HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
AD4450-PCBB01	Ballast Capacitor Oil	PCB-1016	480,000	mg/kg




PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

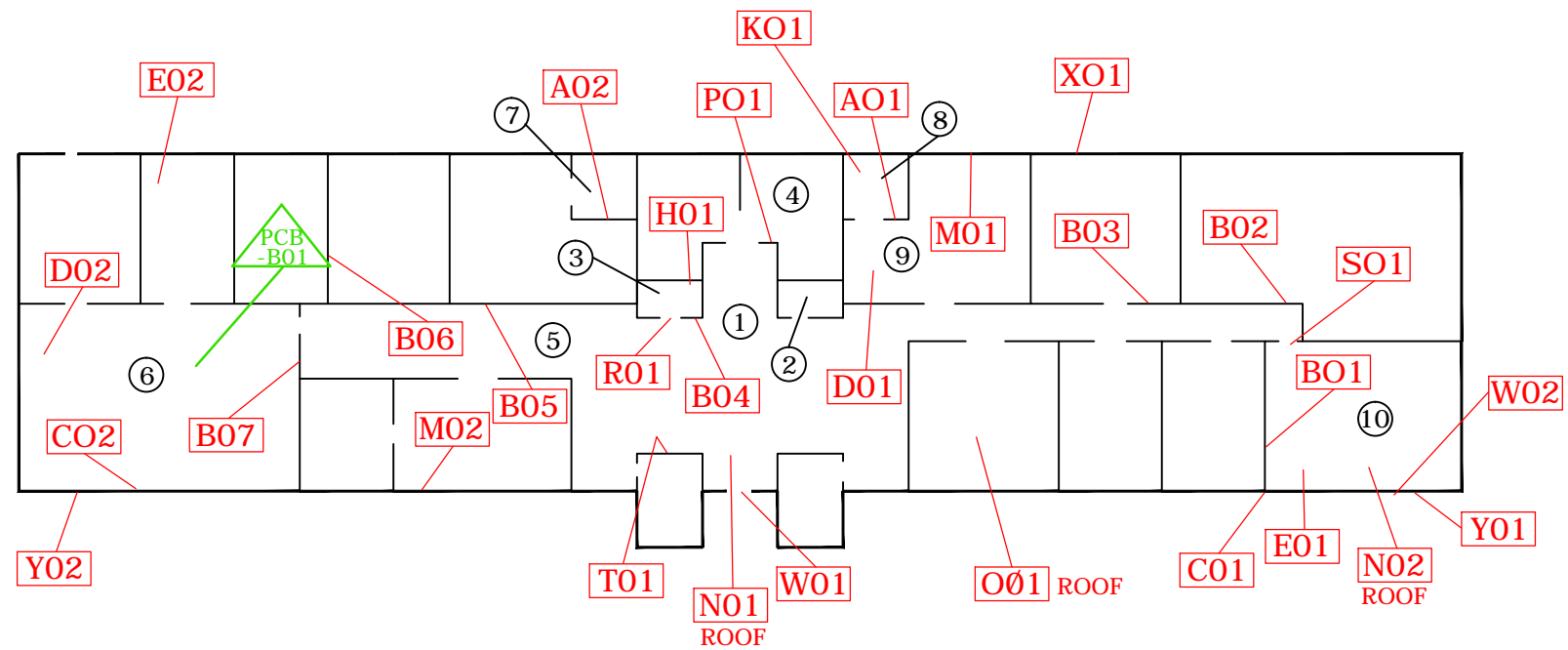
BUILDING AD4550 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Wallboard/Joint Compound	White/White	2
B	Texture Coat	White, Medium	7
C	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray	2
D	Acoustic Ceiling Tile/Vapor Paper	2'x2' White, Uniform Hole/Black	2
E	Vinyl Floor Tile/Mastic	12" Beige/Black	2
F	Not Used	Not Used	Not Used
G	Not Used	Not Used	Not Used
H	Cement Pipe	6" OD, Gray	1
I	Not Used	Not Used	Not Used
J	Not Used	Not Used	Not Used
K	Flex Connector	White, HVAC	1
L	Not Used	Not Used	Not Used
M	Putty	Gray, Window	2
N	Roofing	Green, 3 Tab Shingle	2
O	Mastic	Gray & Black, Penetrations	1
P	Expansion Joint	Black, Floor	1
Q	Not Used	Not Used	Not Used
R	Insulation	White, Fire Door	1
S	Insulation	Brown, Fire Door	1
T	Insulation	Black, Wire	1
U	Not Used	Not Used	Not Used
V	Not Used	Not Used	Not Used

**BUILDING AD4550
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Concrete	Gray, Foundation	2
X	Vapor Paper	Black, Inside Concrete Masonry Unit Walls	1
Y	Sealant	Tan, Door Frame	2

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATION





VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

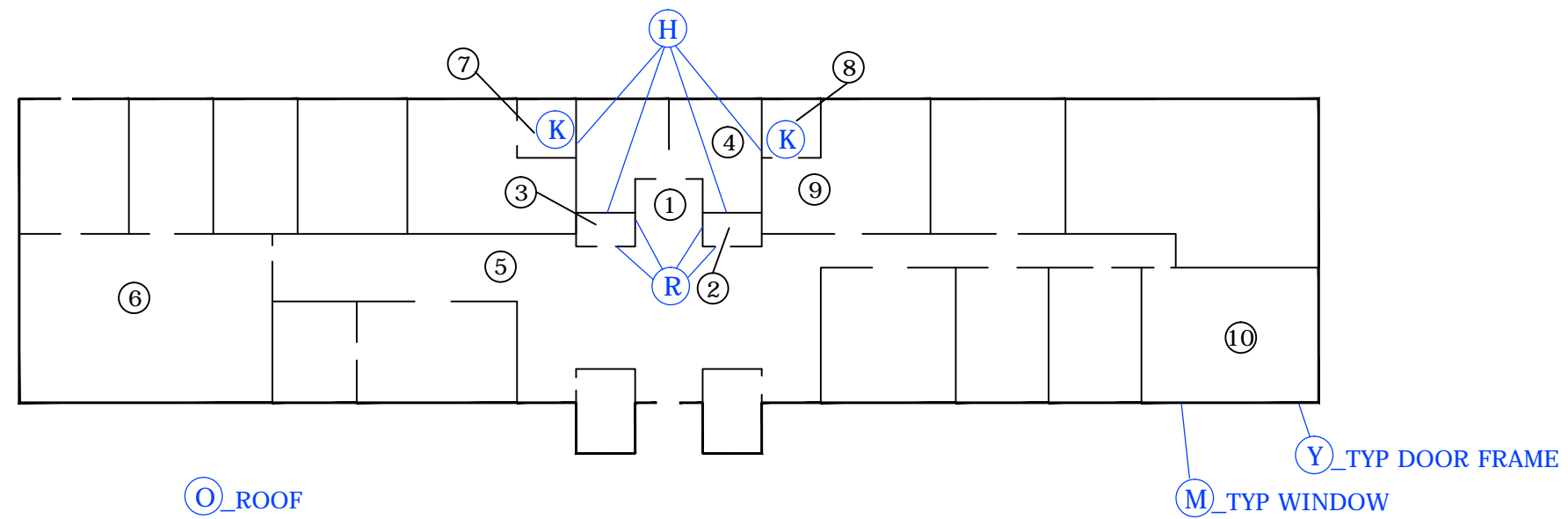
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 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AD4550
 SAMPLE LOCATIONS

SCALE: 1"=20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/05/2016
 DRAWING No.

FIGURE
 AD4550

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS




VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

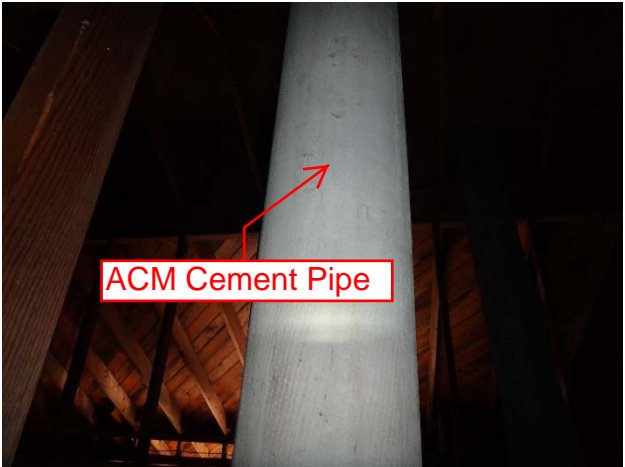
PROJECT TITLE
 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AD4550
 MATERIAL LOCATIONS

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 AD4550

BUILDING AD4550
PHOTO DOCUMENTATION



BUILDING AD4550 PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217489
Date Received: 03/02/16
Date Analyzed: 03/07/16
Date Printed: 03/07/16
First Reported: 03/07/16

Job ID/Site: 161091001 - FORA, AD4550

FALI Job ID: L1161
Total Samples Submitted: 31
Total Samples Analyzed: 31

Date(s) Collected: 02/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4550-A-01	11737051						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Off-White Tape			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
AD4550-A-02	11737052						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (Trace)						
AD4550-B-01	11737053						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (Trace)						
AD4550-B-02	11737054						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (Trace)						
AD4550-B-03	11737055						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217489

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4550-B-04	11737056						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4550-B-05	11737057						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4550-B-06	11737058						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4550-B-07	11737059						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4550-C-01	11737060						
Layer: Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Green Non-Fibrous Material			ND				
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4550-C-02	11737061						
Layer: Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Green Non-Fibrous Material			ND				
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4550-D-01	11737062						
Layer: Brown Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					

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Report Number: B217489

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4550-D-02	11737063						
Layer: Brown Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4550-E-01	11737064						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4550-E-02	11737065						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4550-H-01	11737066						
Layer: Off-White Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
AD4550-K-01	11737067						
Layer: White Fibrous Material		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (70%)					
Synthetic (20 %)							
AD4550-M-01	11737068						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4550-M-02	11737069						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AD4550-N-01	11737070						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217489

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4550-N-02	11737071						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
AD4550-O-01	11737072						
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
AD4550-P-01	11737073						
Layer: Black Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
AD4550-R-01	11737074						
Layer: White Semi-Fibrous Material		Chrysotile	7 %	Amosite	5 %		
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (11%)					
Cellulose (Trace)							
AD4550-S-01	11737075						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
AD4550-T-01	11737076						
Layer: Tan Fibrous Material			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %) Fibrous Glass (45 %)							
AD4550-W-01	11737077						
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4550-W-02	11737078						
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AD4550-X-01	11737079						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							

Client Name: Vista Environmental Consultants

Report Number: B217489

Date Printed: 03/07/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4550-Y-01	11737080						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
AD4550-Y-02	11737081						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/29/16

LOCATION: AD4550

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4550	A	01	WB/SE	WHITE/WHITE		
AD4550	A	02	TEXTURE CONT	WHITE, MEDIUM		
AD4550	B	01				
AD4550	B	02				
AD4550	B	03				
AD4550	B	04				
AD4550	B	05				
AD4550	B	06				
AD4550	B	07				
AD4550	C	01	PAINT/CMU/MORTAR	WHITE/GRY/GRY		

ANALYTICAL METHOD: PLM ~~400PT COBENT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

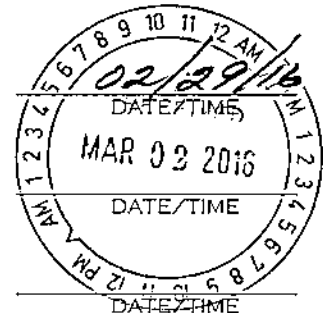
LUIS J. FOCHIA
PRINTED NAME

2. DBS fx
TRANSFER SIGNATURE

PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/29/16

LOCATION: AD4550

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4550	C	02	↓	↓		
AD4550	D	01	ACT/VAPOR PAPER	2'x4' WHITE, UNIFORM HOLE / BLACK		
AD4550	D	02	ACT/VAPOR PAPER	2'x2' WHITE, UNIFORM HOLE / BLACK		
AD4550	E	01	VFT/MAS	12" BLUE / BLACK		
AD4550	E	02	↓	↓		
AD4550	H	01	CEMENT PIPE	GRAY, 6" OD		
AD4550	K	01	FLEX CONNECTOR	WHITE, HVAC		
AD4550	M	01	PUTTY	GRAY, WINDOW		
AD4550	M	02	↓	↓		
AD4550	N	01	ROOFING	GREEN, 3 TAB SHINGLE		

ANALYTICAL METHOD: PLM 400 FT COINT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. Luis J. Rocha
TRANSFER SIGNATURE

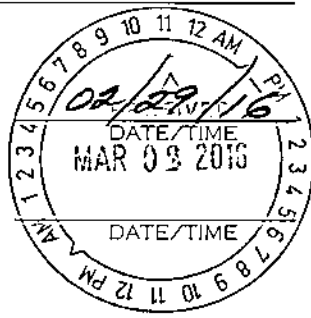
LUIS J. ROCHA
PRINTED NAME

2. DBS fa
TRANSFER SIGNATURE

PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME



DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/29/16

LOCATION: AD4550

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4550	N	02	↓	↓		
AD4550	O	01	MASTIC	GRAY & BUCK, PENETRATION		
AD4550	P	01	EXPANSION JOINT	WHITE, HVAC		
AD4550	R	01	INSULATION	WHITE, FIRE DOOR		
AD4550	S	01	INSULATION	BROWN, FIRE DOOR		
AD4550	T	01	INSULATION	BLACK, WIRE		
AD4550	W	01	CONCRETE	GRAY, FOUNDATION		
AD4550	W	02	↓	↓		
AD4550	X	01	VAPOR PAPER	BUCK, INSIDE CMU WALL		
AD4550	Y	01	SEALANT	TAN, DOOR FRAME		

ANALYTICAL METHOD: PLM 400 PFCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

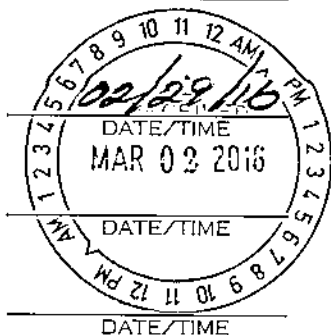
LOUIS J. FOCHM
PRINTED NAME

2. DBS R₂
TRANSFER SIGNATURE

PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: _____

LOCATION: AD4550

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4550	Y	02	↓	↓		

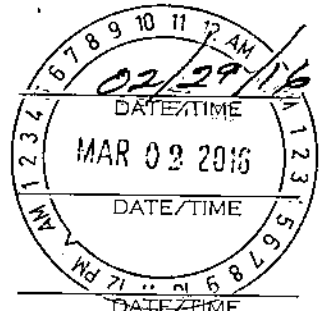
31 SAMPLES

ANALYTICAL METHOD: PLM 400 PFCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
 DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
 QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE LUIS D. FOCHA PRINTED NAME
 2. NBS fx TRANSFER SIGNATURE _____ PRINTED NAME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME



**FORA
AD4550
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
1					SHUTTER_CAL					6.99	
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
5					CALIBRATE				Positive	1.2	mg/cm ²
96	AD4550	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
97	AD4550	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
98	AD4550	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
99	AD4550	1	OUTSIDE	EAST	WALL	CONCRETE	BLUE, LIGHT	INTACT	Negative	0.01	mg/cm ²
100	AD4550	1	OUTSIDE	SOUTH	DOOR	WOOD	BROWN	DETERIORATED	Negative	0	mg/cm ²
101	AD4550	1	OUTSIDE	SOUTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Positive	7	mg/cm ²
102	AD4550	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.04	mg/cm ²
103	AD4550	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	INTACT	Positive	2.5	mg/cm ²
104	AD4550	1	OUTSIDE	EAST	FASCIA	WOOD	BEIGE	DETERIORATED	Positive	4.1	mg/cm ²
105	AD4550	1	OUTSIDE	EAST	EAVE	WOOD	BEIGE	DETERIORATED	Positive	3	mg/cm ²
106	AD4550	1	OUTSIDE	SOUTH	DOOR	WOOD	BROWN	DETERIORATED	Positive	1.7	mg/cm ²
107	AD4550	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Positive	1.3	mg/cm ²
108	AD4550	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Positive	4.6	mg/cm ²
109	AD4550	1	OUTSIDE	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.3	mg/cm ²
110	AD4550	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
111	AD4550	1	1	NORTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.04	mg/cm ²
112	AD4550	1	1	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
113	AD4550	1	1	NORTH	WALL	DRYWALL	GRAY	INTACT	Negative	0.01	mg/cm ²
114	AD4550	1	1	NORTH	TRIM	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
115	AD4550	1	1	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.07	mg/cm ²
116	AD4550	1	1	NORTH	DOOR	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
117	AD4550	1	1	NORTH	BASEBOARD	WOOD	BLACK	INTACT	Negative	0.14	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4550
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
118	AD4550	1	1	EAST	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
119	AD4550	1	1	NORTH	DOOR	WOOD	BROWN	INTACT	Positive	1.3	mg/cm ²
120	AD4550	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.7	mg/cm ²
121	AD4550	1	1	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.5	mg/cm ²
122	AD4550	1	1	NORTH	TRIM	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
123	AD4550	1	1		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
124	AD4550	1	2	NORTH	STAIRS	CONCRETE	RED	DETERIORATED	Negative	0.02	mg/cm ²
125	AD4550	1	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
126	AD4550	1	2	SOUTH	DOOR	WOOD	WHITE	INTACT	Negative	0.6	mg/cm ²
127	AD4550	1	2	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.08	mg/cm ²
128	AD4550	1	3	SOUTH	DOOR FRAME	METAL	WHITE	DETERIORATED	Negative	0.09	mg/cm ²
129	AD4550	1	3	EAST	DOOR	WOOD	BLUE	INTACT	Positive	1	mg/cm ²
130	AD4550	1	3	EAST	DOOR FRAME	METAL	BLUE	INTACT	Negative	0.17	mg/cm ²
131	AD4550	1	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
132	AD4550	1	3	SOUTH	WALL	CONCRETE	GRAY	INTACT	Negative	0.02	mg/cm ²
133	AD4550	1	3	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
134	AD4550	1	3	WEST	WINDOW	METAL	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
135	AD4550	1	3		FLOOR	CONCRETE	GRAY	INTACT	Negative	0	mg/cm ²
136	AD4550	1	1		FLOOR	VINYL	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
137	AD4550	1	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
138	AD4550	1	4	SOUTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.02	mg/cm ²
139	AD4550	1	4	SOUTH	BASEBOARD	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
140	AD4550	1	4		STALL	METAL	BROWN	INTACT	Negative	0	mg/cm ²
141	AD4550	1	4	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.02	mg/cm ²
142	AD4550	1	4	NORTH	WINDOW	METAL	WHITE	INTACT	Positive	2.4	mg/cm ²
143	AD4550	1	4	NORTH	WINDOW	GLASS	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4550
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
144	AD4550	1	4	EAST	TRIM	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
145	AD4550	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
146	AD4550	1	5		CEILING	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
147	AD4550	1	5	NORTH	TRIM	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
148	AD4550	1	5	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
149	AD4550	1	5	NORTH	WALL	DRYWALL	GRAY	INTACT	Negative	0.03	mg/cm ²
150	AD4550	1	5	NORTH	WALL	DRYWALL	BLUE	INTACT	Negative	0.03	mg/cm ²
151	AD4550	1	5	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
152	AD4550	1	5	EAST	WALL	CONCRETE	GRAY	INTACT	Negative	0.15	mg/cm ²
153	AD4550	1	5	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
154	AD4550	1	5	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
155	AD4550	1	5	EAST	DOOR FRAME	WOOD	WHITE	INTACT	Negative	0.5	mg/cm ²
156	AD4550	1	5	EAST	DOOR	WOOD	WHITE	INTACT	Negative	0.02	mg/cm ²
157	AD4550	1	5	SOUTH	WINDOW	METAL	GRAY	INTACT	Positive	2.1	mg/cm ²
158	AD4550	1	5	SOUTH	WINDOW SILL	CONCRETE	GRAY	INTACT	Negative	0.06	mg/cm ²
159	AD4550	1	5	NORTH	BASEBOARD	WOOD	BLACK	INTACT	Negative	0.4	mg/cm ²
160	AD4550	1	6	SOUTH	BASEBOARD	WOOD	BLACK	INTACT	Negative	0.13	mg/cm ²
161	AD4550	1	6	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
162	AD4550	1	6	SOUTH	WALL	CONCRETE	GRAY	INTACT	Negative	0.06	mg/cm ²
163	AD4550	1	6	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.04	mg/cm ²
164	AD4550	1	6	EAST	WALL	DRYWALL	BLUE	INTACT	Negative	0	mg/cm ²
165	AD4550	1	6	EAST	WALL	DRYWALL	GRAY	INTACT	Negative	0	mg/cm ²
166	AD4550	1	6	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
167	AD4550	1	6	SOUTH	WINDOW	METAL	GRAY	DETERIORATED	Positive	2.4	mg/cm ²
168	AD4550	1	6	SOUTH	WINDOW SILL	CONCRETE	BLUE	DETERIORATED	Negative	0.06	mg/cm ²
169	AD4550	1	6	SOUTH	DOOR FRAME	WOOD	GRAY	INTACT	Negative	0.24	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4550
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
170	AD4550	1	6	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.23	mg/cm ²
171	AD4550	1	6	SOUTH	DOOR	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
172	AD4550	1	6	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.26	mg/cm ²
173	AD4550	1	7	EAST	FURNANCE	METAL	GRAY	INTACT	Negative	0.02	mg/cm ²
174	AD4550	1	7	EAST	DUCT	METAL	GREEN	DETERIORATED	Negative	0.2	mg/cm ²
175	AD4550	1	7	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
176	AD4550	1	8	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
177	AD4550	1	8	WEST	DUCT	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
178	AD4550	1	8	WEST	DUCT	METAL	BLACK	DETERIORATED	Negative	0.17	mg/cm ²
179	AD4550	1	9	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
180	AD4550	1	9	SOUTH	WALL	DRYWALL	GRAY	INTACT	Negative	0	mg/cm ²
181	AD4550	1	9	SOUTH	WALL	DRYWALL	BLUE	INTACT	Negative	0	mg/cm ²
182	AD4550	1	9	NORTH	WALL	DRYWALL	BLUE	INTACT	Negative	0	mg/cm ²
183	AD4550	1	9	NORTH	WALL	DRYWALL	GRAY	INTACT	Negative	0.13	mg/cm ²
184	AD4550	1	9	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.1	mg/cm ²
185	AD4550	1	10	WEST	WALL	DRYWALL	BLACK	INTACT	Negative	0	mg/cm ²
186	AD4550	1	10	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
187	AD4550	1	10	WEST	WALL	DRYWALL	GRAY	INTACT	Negative	0	mg/cm ²
188	AD4550	1	10	WEST	WALL	DRYWALL	BLUE	INTACT	Negative	0	mg/cm ²
189	AD4550	1	10	WEST	BASEBOARD	WOOD	BLACK	INTACT	Negative	0.3	mg/cm ²
190	AD4550	1	10	SOUTH	DOOR FRAME	WOOD	GRAY	DETERIORATED	Positive	1.9	mg/cm ²
191	AD4550	1	10	SOUTH	WINDOW FRAME	METAL	GRAY	INTACT	Positive	2.3	mg/cm ²
192	AD4550	1	10	SOUTH	WINDOW SILL	CONCRETE	BLUE	INTACT	Negative	0.09	mg/cm ²
193	AD4550	1	10	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.2	mg/cm ²
194	AD4550	1	10	SOUTH	WALL	CONCRETE	GRAY	INTACT	Negative	0.15	mg/cm ²
195	AD4550	1	10	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4550
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
196	AD4550	1	10	NORTH	DOOR	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
197	AD4550	1	10	NORTH	DOOR FRAME	WOOD	GRAY	INTACT	Negative	0.25	mg/cm ²
198	AD4550	1	10	NORTH	TRIM	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
199	AD4550	1	10		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
200	AD4550	1	10	WEST	WALL	DRYWALL	RED	INTACT	Negative	0	mg/cm ²
201					CALIBRATE				Positive	1.1	mg/cm ²
202					CALIBRATE				Positive	1	mg/cm ²
203					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

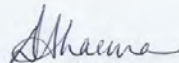
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71502-1
Client Project/Site: Building AD4550

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:28:10 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Job ID: 720-71502-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71502-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: AD4550-PCBB01 (720-71502-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: AD4550-PCBB01 (720-71502-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Client Sample ID: AD4550-PCBB01

Lab Sample ID: 720-71502-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	480000000		300000000		ug/Kg	20000		8082	Total/NA

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- 2
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- 15

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Client Sample ID: AD4550-PCBB01

Lab Sample ID: 720-71502-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	480000000		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:19	20000
PCB-1221	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:19	20000
PCB-1232	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:19	20000
PCB-1242	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:19	20000
PCB-1248	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:19	20000
PCB-1254	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:19	20000
PCB-1260	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 18:19	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/23/16 13:16	04/25/16 18:19	20000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/23/16 13:16	04/25/16 18:19	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71502-1	AD4550-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71502-1	AD4550-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032

Analysis Batch: 201050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71502-1	AD4550-PCBB01	Total/NA	Solid	8082	201032

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Client Sample ID: AD4550-PCBB01

Lab Sample ID: 720-71502-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201050	04/25/16 18:19	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 12
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- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AD4550

TestAmerica Job ID: 720-71502-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71502-1	AD4550-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71502-1

Login Number: 71502
List Number: 1
Creator: Arauz, Dennis

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-01	30736300	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	2300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	57	mg/kg	5	EPA 3050B/6010B
		Cr	70	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	22	mg/kg	2	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	390	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	12	mg/kg	8	EPA 3050B/6010B
		Zn	1400	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-02	30736301	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8800	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	89	mg/kg	6	EPA 3050B/6010B
		Cr	1300	mg/kg	30	EPA 3050B/6010B
		Cu	21	mg/kg	8	EPA 3050B/6010B
		Hg	11	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	6900	mg/kg	70	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	5400	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171603
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/27/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737910	Pb	40	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737911	Pb	130	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171602
Date Received: 04/28/16
Date Analyzed: 05/04/16
Date Printed: 05/04/16
First Reported: 05/04/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737908	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737909	Pb	4.5	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-03	30736302	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30736303	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	6	mg/kg	2	EPA 3050B/6010B
		Cr	32	mg/kg	2	EPA 3050B/6010B
		Cu	10	mg/kg	3	EPA 3050B/6010B
		Hg	2.2	mg/kg	0.3	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	8	mg/kg	3	EPA 3050B/6010B
		Pb	170	mg/kg	3	EPA 3050B/6010B
		Sb	66	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	15	mg/kg	2	EPA 3050B/6010B
		Zn	1300	mg/kg	50	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171382
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737287	Pb	6.3	mg/l	0.7	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171383
Date Received: 04/25/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737288	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

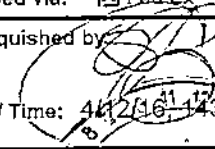
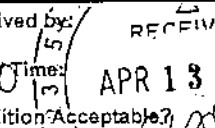
Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

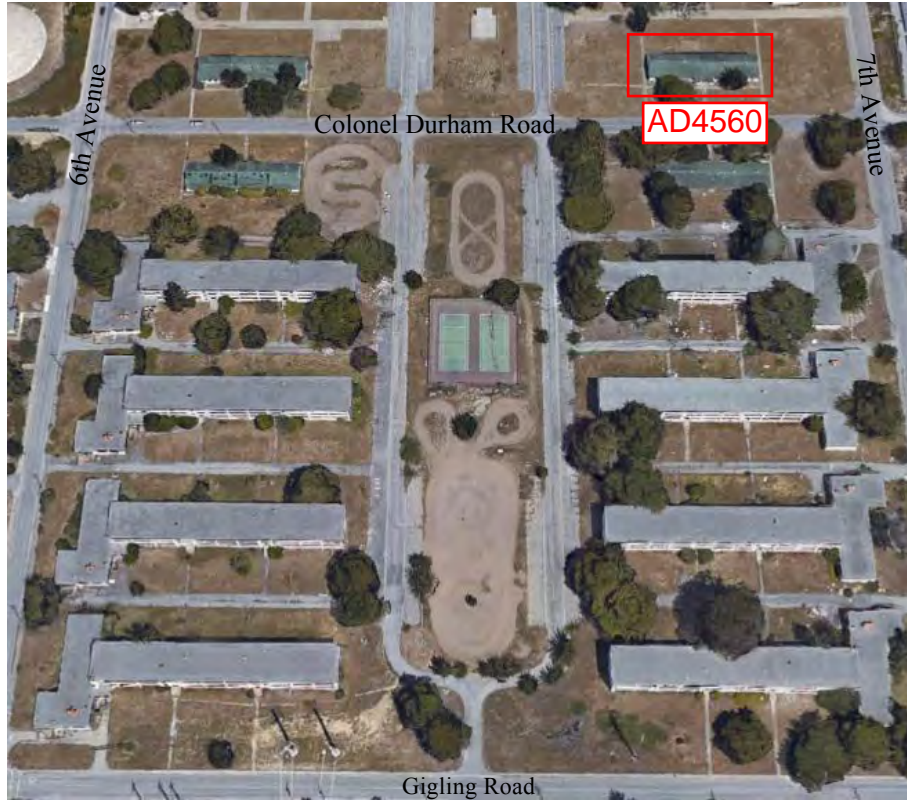
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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: <u>4/12/16</u> Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: <u>5 Day</u> Due Date: <u>4/20/16</u> Due Time: <u>EOD</u> <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD/AR	
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com <u>Hold for possible TCLP/STLC</u>	

Sample ID	Date/ Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD/AR - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-04	4/12/16 1400	83 % CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1 %	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		Unpainted Wood (90 by wt)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: <u>Chris Burns</u> Date: <u>4/12/16</u> Time: <u>1400</u>		
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished by:  Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by:  Date / Time: <u>APR 13 2015 1130</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING AD4560



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING AD4560

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Wallboard/Joint Compound	White/White	Throughout Except Projection Booths	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	7,500 SF
VFT (F, G & L)	Vinyl Floor Tile	9" Green, Brown, and Black	East Offices	Class II	Category I - Non-Friable	1,675 SF
H	Cement Pipe	6" OD, Gray	Attic Space to Roof: Above Projection Booths, and HVAC	Class II	Category II- Non-Friable	40 SF (4 Each)
K	Flex Connector	White, HVAC	HVAC Units	Class II	Friable (RACM when Removed)	12 SF (4 Each)
M	Putty	Gray, Window	Exterior Windows	Class II	Category II- Non-Friable	630 SF (26 Windows)
O	Mastic	Gray & Black, Penetrations	Roof	Class II	Category I - Non-Friable	20 SF
R	Insulation	White, Fire Door	Lobby into Projection Booths	Class II	Friable (RACM when Removed)	62 SF (4 Each)
X	Sealant	Tan, Door Frame	Exterior Doors	Class II	Category I - Non-Friable	10 SF (126 LF)

BUILDING AD4560

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
11	1	Outside	North	Door Frame	Wood	Brown	Deteriorated	2.7	mg/cm ²
12	1	Outside	South	Eave	Wood	Beige	Deteriorated	2.5	mg/cm ²
13	1	Outside	East	Flashing	Wood	Beige	Deteriorated	2.3	mg/cm ²
15	1	Outside	West	Downspout	Metal	Beige	Intact	1.9	mg/cm ²
16	1	1	North	Wall	Concrete	White	Deteriorated	3.8	mg/cm ²
21	1	1	South	Wall	Concrete	White	Deteriorated	7.3	mg/cm ²
29	1	2	South	Door Frame	Wood	White	Intact	1.5	mg/cm ²
32	1	2	North	Window	Metal	Orange	Deteriorated	2.3	mg/cm ²
34	1	2	North	Baseboard	Ceramic	Beige	Intact	8.7	mg/cm ²
35	1	2		Floor	Ceramic	Beige	Intact	6.5	mg/cm ²
36	1	2		Floor	Ceramic	Blue	Intact	9.1	mg/cm ²
42	1	3	South	Window	Metal	Brown	Intact	3.3	mg/cm ²
46	1	4	North	Wall	Concrete	White	Intact	4.2	mg/cm ²
47	1	4	East	Wall	Drywall	White	Intact	5.2	mg/cm ²
49	1	4	North	Window	Metal	Brown	Intact	3	mg/cm ²
56	1	4	West	Panel	Wood	Green	Intact	1.5	mg/cm ²
59	1	5	West	Wall	Drywall	White	Intact	5.5	mg/cm ²
60	1	5	South	Wall	Concrete	White	Deteriorated	4.7	mg/cm ²
61	1	5	South	Window Sill	Concrete	White	Intact	4.3	mg/cm ²
62	1	5	South	Window	Concrete	Brown	Intact	2	mg/cm ²
67	1	5	North	Trim	Wood	White	Intact	1.9	mg/cm ²
77	1	7	North	Window Frame	Metal	Brown	Intact	3	mg/cm ²
94	1	5	North	Wall	Drywall	White	Deteriorated	3	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING AD4560

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
AD/AR-T22-01 Interior Paint (TTLC)	2300	70	57	NA	22	NA	390	NA	12	1400	mg/kg
(STLC)							40				mg/l
(TCLP)							1.2				mg/l
AD/AR-T22-02 Exterior Paint (TTLC)	8800	1300	89	21	11	NA	6900	NA	NA	5400	mg/kg
(STLC)							130				mg/l
(TCLP)							4.5				mg/l
AD/AR-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	mg/kg
AD/AR-T22-04 Other (TTLC)	1800	32	6	10	2.2	8	170	66	15	1300	mg/kg
(STLC)							6.3				mg/l
(TCLP)							<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	128
Light Fixture Ballasts	Polychlorinated Biphenyls*	64

Note: Mold growth is visible throughout.

*Random spot checks of light fixture ballasts found only ones that said "No-PCBs" or "PCB Free". Since not all light fixtures were checked it is assumed that PCB containing ballasts may remain. No samples of ballast capacitor oil were taken.



BUILDING AD4560

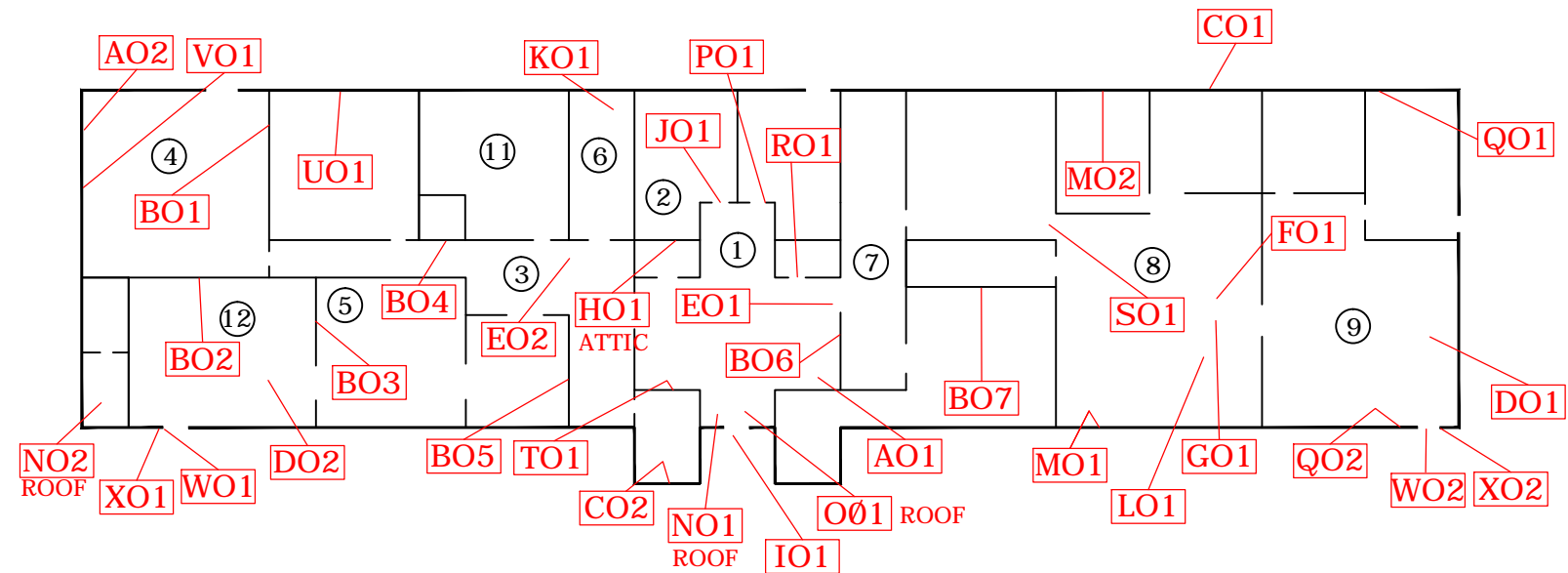
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Wallboard/Joint Compound	White/White	2
B	Texture Coat	White, Small	7
C	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray	2
D	Acoustic Ceiling Tile	2'x2' White	2
E	Vinyl Floor Tile/Mastic	12" Beige/Black	2
F	Vinyl Floor Tile/Mastic	9" Green/Black	1
G	Vinyl Floor Tile/Mastic	9" Brown/Black	1
H	Cement Pipe	6" OD, Gray	1
I	Putty	White, Windows on Doors	1
J	Mastic/Grout	Black/White, 3" Ceramic Floor Tile	1
K	Flex Connector	White, HVAC	1
L	Vinyl Floor Tile/Mastic	9" Black/Black	1
M	Putty	Gray, Window	2
N	Roofing	Green, 3 Tab Shingle	2
O	Mastic	Gray & Black, Penetrations	1
P	Expansion Joint	Black, Floor	1
Q	Basecove/Mastic	4" Black/Yellow	2
R	Insulation	White, Fire Door	1
S	Insulation	Brown, Fire Door	1
T	Insulation	Black, Wire	1
U	Joint Compound	White, Concrete Masonry Unit Patching	1
V	Panel	Brown, Sound	1

BUILDING AD4560
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Concrete	Gray, Foundation	2
X	Sealant	Tan, Door Frame	2

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS





www.vista-env.com
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 SAN LEANDRO, CA 94577
 510-346-8860

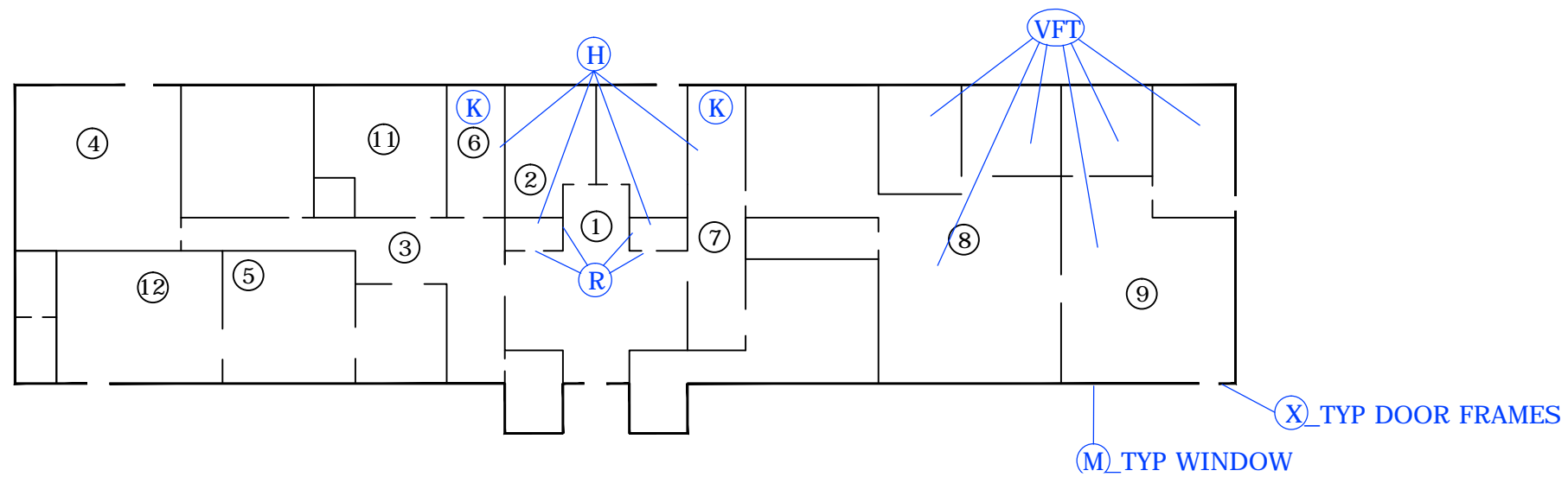
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AD4560
 SAMPLE LOCATIONS

SCALE: 1"=20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/05/2016
 DRAWING No.

FIGURE
 AD4560

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



Ⓐ _THROUGHOUT EXCEPT PROJECTION BOOTHS
 Ⓞ _ROOF



VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

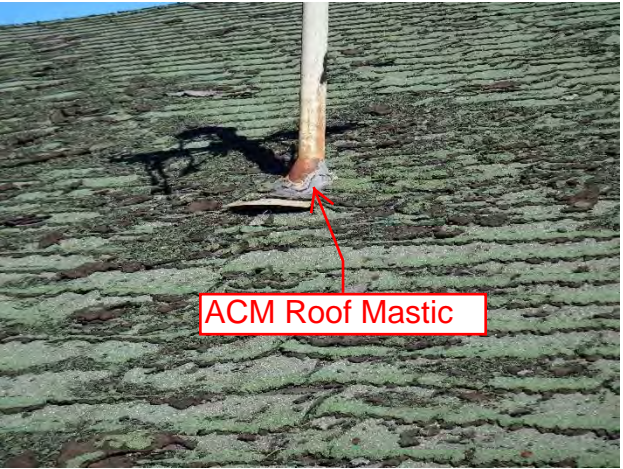
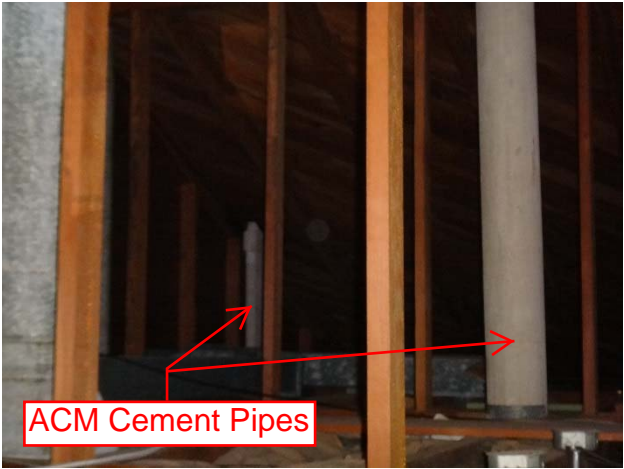
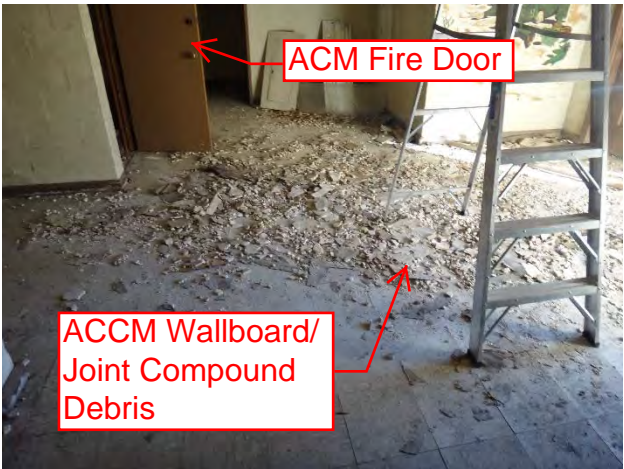
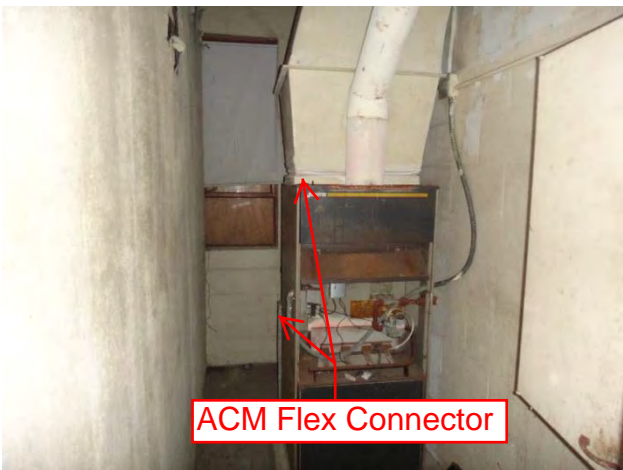
PROJECT TITLE
 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AD4560
 MATERIAL LOCATIONS

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 AD4560

BUILDING AD4560
PHOTO DOCUMENTATION



BUILDING AD4560
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B216911
Date Received: 02/19/16
Date Analyzed: 02/23/16
Date Printed: 02/23/16
First Reported: 02/23/16

Job ID/Site: 161091001 - FORA, AD4560

FALI Job ID: L1161
Total Samples Submitted: 37
Total Samples Analyzed: 37

Date(s) Collected: 02/15/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4560-A-01	11732514						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)	Fibrous Glass (10 %)						
AD4560-A-02	11732515						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)	Fibrous Glass (10 %)						
AD4560-B-01	11732516						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-B-02	11732517						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-B-03	11732518						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-B-04	11732519						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216911

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4560-B-05	11732520						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4560-B-06	11732521						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4560-B-07	11732522						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4560-C-01	11732523						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4560-C-02	11732524						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AD4560-D-01	11732525						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					
AD4560-D-02	11732526						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					
AD4560-E-01	11732527						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B216911

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4560-E-02	11732528						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-F-01	11732529						
Layer: Green Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
AD4560-G-01	11732530						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
AD4560-H-01	11732531						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
AD4560-I-01	11732532						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-J-01	11732533						
Layer: Black Mastic			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-K-01	11732534						
Layer: Light Grey Fibrous Material		Chrysotile	60 %				
Total Composite Values of Fibrous Components:		Asbestos (60%)					
Synthetic (40 %)							
AD4560-L-01	11732535						
Layer: Black Tile		Chrysotile	3 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
AD4560-M-01	11732536						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216911

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4560-M-02	11732537						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-N-01	11732538						
Layer: Green Roof Shingle			ND				
Layer: Green Roof Shingle			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
AD4560-N-02	11732539						
Layer: Green Roof Shingle			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
AD4560-O-01	11732540						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
AD4560-P-01	11732541						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)							
AD4560-Q-01	11732542						
Layer: Black Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-Q-02	11732543						
Layer: Black Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-R-01	11732544						
Layer: White Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
AD4560-S-01	11732545						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							

Client Name: Vista Environmental Consultants

Report Number: B216911

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4560-T-01	11732546						
Layer: Black Fibrous Material			ND				
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
AD4560-U-01	11732547						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-V-01	11732548						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
AD4560-W-01	11732549						
Layer: Grey Cementitious Material			ND				
Layer: Green Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AD4560-W-02	11732550						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007936
Date Received: 02/19/16
Date Analyzed: 02/29/16
Date Printed: 02/29/16

Job ID/Site: 161091001 - FORA, AD4560

FALI Job ID: L1161

PLM Report Number: B216911

Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
AD4560-A-01	11732514	Composite of ALL Layers White Drywall Off-White Joint Compound Paint

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

AD4560-A-02	11732515	Composite of ALL Layers White Drywall Off-White Joint Compound
--------------------	----------	---

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007936
Date Received: 02/19/16
Date Analyzed: 02/29/16
Date Printed: 02/29/16

Job ID/Site: 161091001 - FORA, AD4560

FALI Job ID: L1161

PLM Report Number: B216911

Total Samples Submitted: 2

Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
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Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4560

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4560	A	01	W/BKJC	WHITE/WHITE	WALLS	
AD4560	A	02	↓	↓	↓	
AD4560	B	01	TEXTURE COAT	WHITE, SMALL	WALLS	
AD4560	B	02				
AD4560	B	03				
AD4560	B	04				
AD4560	B	05				
AD4560	B	06				
AD4560	B	07				
AD4560	C	01	PAINT/CMU/MURBOR	WHITE/GRAY/GRAY,	WALLS	

ANALYTICAL METHOD: PLM ~~400-REG-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

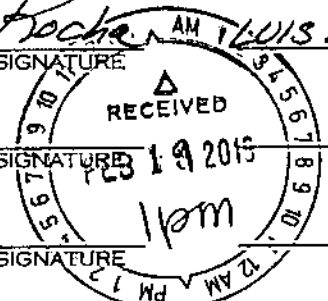
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY

1. [Signature] AM 11:01 161091001A DANIEL POOSTA 02/16/15
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

2. [Signature] _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

3. [Signature] _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4560

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4560	C	02	↓	↓	WALLS	
AD4560	D	01	ACT	2'x2' WHITE (TACKED)	CEILING	
AD4560	D	02	↓	↓	↓	
AD4560	E	01	VFT/MAS	12" BEIGE/BLACK		
AD4560	E	02	↓	↓		
AD4560	F	01	VFT/MAS	9" GREEN/BLACK		
AD4560	G	01	VFT/MAS	9" BROWN/BLACK		
AD4560	H	01	CEMENT PIPE	GRAY, 6" OD		
AD4560	I	01	PUTTY	WHITE	WINDOWS ON DOORS	
AD4560	J	01	MASTIC/GROUT	BLACK/WHITE	CERAMIC FLOOR	

ANALYTICAL METHOD: PLM ~~400 BT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY

1. [Signature] TRANSFER SIGNATURE RECEIVED LOUIS JAVIER POOSTA PRINTED NAME 02/16/15 DATE/TIME
 2. [Signature] TRANSFER SIGNATURE FEB 19 2015 1pm [Signature] PRINTED NAME _____ DATE/TIME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4560

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4560	K	01	FLEX CONNECTOR	WHITE, HVAC		
AD4560	L	01	VFT/MAS	9" BLACK/BLACK		
AD4560	M	01	PUTTY	GRAY, WINDOWS		
AD4560	M	02	↓	↓		
AD4560	N	01	ROOFING	GREEN, 3 TAB SHINGLE		
AD4560	N	02	↓	↓		
AD4560	O	01	MASTR	GRAY & BLACK PENETRATIONS		
AD4560	P	01	EXPANSION JOINT	BLACK, FLOOR		
AD4560	Q	01	BASECONE/MAS	4" BLACK/YELLOW		
AD4560	Q	02	↓	↓		

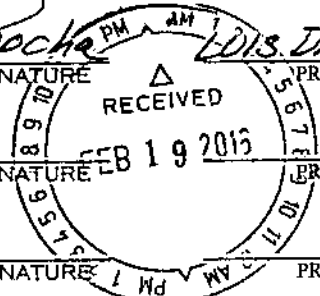
ANALYTICAL METHOD: PLM ~~400-BE-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY

1. [Signature] TRANSFER SIGNATURE LOUIS JAVIER ROCHA PRINTED NAME 02/16/15 DATE/TIME
 2. [Signature] TRANSFER SIGNATURE 10pm PRINTED NAME _____ DATE/TIME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AD4560

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AD4560	R	01	INSULATION	WHITE, FIREDOOR		
AD4560	S	01	INSULATION	BROWN, FIREDOOR		
AD4560	T	01	INSULATION	DARK, WIRE		
AD4560	U	01	JOINT COMPOUND	WHITE, PATCH WALLS		
AD4560	V	01	PANEL	BROWN, SOUND WALL		
AD4560	W	01	CONCRETE	GRAY, FOUNDATION		
AD4560	W	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

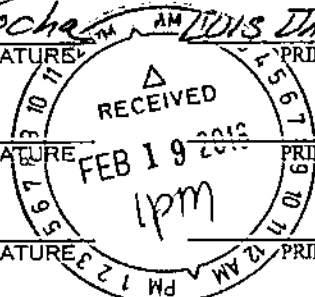
SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY

1. [Signature] TRANSFER SIGNATURE AMONIS JAVIER ROOSTA PRINTED NAME 02/16/15 DATE/TIME

2. [Signature] TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME

3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217490
Date Received: 03/02/16
Date Analyzed: 03/07/16
Date Printed: 03/07/16
First Reported: 03/07/16

Job ID/Site: 161091001 - FORA, AD4560

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 02/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AD4560-X-01	11737082						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
AD4560-X-02	11737083						
Layer: Tan Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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**FORA
AD4560
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					6.99	cps
2					CALIBRATE				Positive	1.1	cps
3					CALIBRATE				Positive	1	mg/cm ²
5					CALIBRATE				Positive	1.2	mg/cm ²
6	AD4560	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.7	mg/cm ²
7	AD4560	1	OUTSIDE	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
8	AD4560	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
9	AD4560	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.02	mg/cm ²
10	AD4560	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
11	AD4560	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Positive	2.7	mg/cm ²
12	AD4560	1	OUTSIDE	SOUTH	EAVE	WOOD	BEIGE	DETERIORATED	Positive	2.5	mg/cm ²
13	AD4560	1	OUTSIDE	EAST	FLASHING	WOOD	BEIGE	DETERIORATED	Positive	2.3	mg/cm ²
14	AD4560	1	OUTSIDE	SOUTH	GUTTER	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
15	AD4560	1	OUTSIDE	WEST	DOWNSPOUT	METAL	BEIGE	INTACT	Positive	1.9	mg/cm ²
16	AD4560	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	3.8	mg/cm ²
17	AD4560	1	1	NORTH	BASEBOARD	WOOD	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
18	AD4560	1	1	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
19	AD4560	1	1	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0.16	mg/cm ²
20	AD4560	1	1	EAST	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
21	AD4560	1	1	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	7.3	mg/cm ²
22	AD4560	1	1	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
23	AD4560	1	1	WEST	TRIM	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
24	AD4560	1	1		CEILING	DRYWALL	WHITE	INTACT	Negative	0.03	mg/cm ²
25	AD4560	1	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
26	AD4560	1	2	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.18	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4560
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
27	AD4560	1	2	NORTH	STALL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
28	AD4560	1	2	SOUTH	DOOR	WOOD	WHITE	INTACT	Negative	0.25	mg/cm ²
29	AD4560	1	2	SOUTH	DOOR FRAME	WOOD	WHITE	INTACT	Positive	1.5	mg/cm ²
30	AD4560	1	2	NORTH	PIPE	METAL	WHITE	INTACT	Negative	0.07	mg/cm ²
31	AD4560	1	2	NORTH	WINDOW SILL	CONCRETE	BLUE	INTACT	Negative	0.25	mg/cm ²
32	AD4560	1	2	NORTH	WINDOW	METAL	ORANGE	DETERIORATED	Positive	2.3	mg/cm ²
33	AD4560	1	2	NORTH	WINDOW	GLASS	WHITE	INTACT	Negative	0	mg/cm ²
34	AD4560	1	2	NORTH	BASEBOARD	CERAMIC	BEIGE	INTACT	Positive	8.7	mg/cm ²
35	AD4560	1	2		FLOOR	CERAMIC	BEIGE	INTACT	Positive	6.5	mg/cm ²
36	AD4560	1	2		FLOOR	CERAMIC	BLUE	INTACT	Positive	9.1	mg/cm ²
37	AD4560	1	2		FLOOR	VINYL	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
38	AD4560	1	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
39	AD4560	1	3	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
40	AD4560	1	3	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
41	AD4560	1	3	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
42	AD4560	1	3	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	3.3	mg/cm ²
43	AD4560	1	3	EAST	BASEBOARD	WOOD	BROWN	DETERIORATED	Negative	0	mg/cm ²
44	AD4560	1	3	EAST	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0	mg/cm ²
45	AD4560	1	3		CEILING	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
46	AD4560	1	4	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	4.2	mg/cm ²
47	AD4560	1	4	EAST	WALL	DRYWALL	WHITE	INTACT	Positive	5.2	mg/cm ²
48	AD4560	1	4	EAST	BASEBOARD	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
49	AD4560	1	4	NORTH	WINDOW	METAL	BROWN	INTACT	Positive	3	mg/cm ²
50	AD4560	1	4	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
51	AD4560	1	4	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4560
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
52	AD4560	1	4	WEST	PANEL	WOOD	BLACK	INTACT	Negative	0.14	mg/cm ²
53	AD4560	1	4	WEST	PANEL	WOOD	BROWN	INTACT	Negative	0.4	mg/cm ²
54	AD4560	1	4	WEST	TRIM	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
55	AD4560	1	4	WEST	PANEL	WOOD	BLUE	INTACT	Negative	0.14	mg/cm ²
56	AD4560	1	4	WEST	PANEL	WOOD	GREEN	INTACT	Positive	1.5	mg/cm ²
57	AD4560	1	4	SOUTH	TRIM	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
58	AD4560	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
59	AD4560	1	5	WEST	WALL	DRYWALL	WHITE	INTACT	Positive	5.5	mg/cm ²
60	AD4560	1	5	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	4.7	mg/cm ²
61	AD4560	1	5	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Positive	4.3	mg/cm ²
62	AD4560	1	5	SOUTH	WINDOW	CONCRETE	BROWN	INTACT	Positive	2	mg/cm ²
63	AD4560	1	5	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
64	AD4560	1	5	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
65	AD4560	1	5	NORTH	BASEBOARD	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
66	AD4560	1	5		CEILING	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
67	AD4560	1	5	NORTH	TRIM	WOOD	WHITE	INTACT	Positive	1.9	mg/cm ²
68	AD4560	1	6	EAST	CABINET	METAL	WHITE	INTACT	Negative	0.1	mg/cm ²
69	AD4560	1	6	EAST	DUCT	METAL	WHITE	INTACT	Negative	0	mg/cm ²
70	AD4560	1	6	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
71	AD4560	1	6	WEST	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0.12	mg/cm ²
72	AD4560	1	7	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
73	AD4560	1	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
74	AD4560	1	7		FLOOR	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
75	AD4560	1	7	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
76	AD4560	1	7	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AD4560
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
77	AD4560	1	7	NORTH	WINDOW FRAME	METAL	BROWN	INTACT	Positive	3	mg/cm ²
78	AD4560	1	7	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
79	AD4560	1	7	WEST	FURNACE	METAL	GRAY	INTACT	Negative	0	mg/cm ²
80	AD4560	1	8	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
81	AD4560	1	8	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0.06	mg/cm ²
82	AD4560	1	8	WEST	BASEBOARD	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
83	AD4560	1	8		FLOOR	VINYL	GREEN	INTACT	Negative	0	mg/cm ²
84	AD4560	1	8	NORTH	WINDOW FRAME	WOOD	WHITE	INTACT	Negative	0.06	mg/cm ²
85	AD4560	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
86	AD4560	1	9	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
87	AD4560	1	10	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
88	AD4560	1	10	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
89	AD4560	1	11	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
90	AD4560	1	11	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
91	AD4560	1	12	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
92	AD4560	1	12	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
93	AD4560	1	12	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
94	AD4560	1	5	NORTH	WALL	DRYWALL	WHITE	DETERIORATED	Positive	3	mg/cm ²
95	AD4560	1	4	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
201					CALIBRATE				Positive	1.1	mg/cm ²
202					CALIBRATE				Positive	1	mg/cm ²
203					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-01	30736300	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	2300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	57	mg/kg	5	EPA 3050B/6010B
		Cr	70	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	22	mg/kg	2	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	390	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	12	mg/kg	8	EPA 3050B/6010B
		Zn	1400	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-02	30736301	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8800	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	89	mg/kg	6	EPA 3050B/6010B
		Cr	1300	mg/kg	30	EPA 3050B/6010B
		Cu	21	mg/kg	8	EPA 3050B/6010B
		Hg	11	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	6900	mg/kg	70	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	5400	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171603
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/27/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737910	Pb	40	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737911	Pb	130	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171602
Date Received: 04/28/16
Date Analyzed: 05/04/16
Date Printed: 05/04/16
First Reported: 05/04/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737908	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737909	Pb	4.5	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-03	30736302	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30736303	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	6	mg/kg	2	EPA 3050B/6010B
		Cr	32	mg/kg	2	EPA 3050B/6010B
		Cu	10	mg/kg	3	EPA 3050B/6010B
		Hg	2.2	mg/kg	0.3	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	8	mg/kg	3	EPA 3050B/6010B
		Pb	170	mg/kg	3	EPA 3050B/6010B
		Sb	66	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	15	mg/kg	2	EPA 3050B/6010B
		Zn	1300	mg/kg	50	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171382
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737287	Pb	6.3	mg/l	0.7	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171383
Date Received: 04/25/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737288	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: <u>4/12/16</u> Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: <u>5 Day</u> Due Date: <u>4/20/16</u> Due Time: <u>EOD</u> <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD/AR	
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com <u>Hold for possible TCLP/STLC</u>	

Sample ID	Date/ Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD/AR - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-04	4/12/16 1400	83 % CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1 %	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		<u>Unpainted Wood (90 by wt)</u>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: <u>Chris Burns</u> Date: <u>4/12/16</u> Time: <u>1400</u>		
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished by: <u>[Signature]</u> Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: <u>[Signature]</u> Date / Time: <u>APR 13 2015 1130</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING AR4450



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING AR4450

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, Y, Z, and AA)	Vinyl Floor Tile/Mastic	9" Beige and Black, 12" White/Black	Throughout East Office Areas, Except Restroom; North West Shop Area. This material may be under walls.	Class II	Category I - Non-Friable	4,600 SF
G	Heat Shield	Gray, Light	Lobby, Room West of Lobby, Restroom and Restroom Foyer	Class II	Friable (RACM when Removed)	25 SF (25 Each)
K	Putty	White, Metal Windows	West Windows	Class II	Category II- Non-Friable	320 SF (20 Windows)
L	Glazing	White, Aluminum Windows	East Windows	Class II	Category II- Non-Friable	420 SF (15 Windows)
M	Cement Panel	Gray, Under Windows	East Windows (Inside Metal)	Class II	Category II- Non-Friable	180 SF (15 Each)
O	Cement Pipe	21" O.D, Gray	Mechanical Room to Roof	Class II	Category II- Non-Friable	10 LF
V	Mastic	Gray & Black, Pipe Penetrations	Roof	Class II	Category I - Non-Friable	2 SF
EE	Wallboard/Joint Compound	White/White, Ceiling	Throughout East Office Areas Ceilings	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	4,000 SF

BUILDING AR4450

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
11	1	Outside	West	Door Frame	Metal	Brown	Deteriorated	2.1	mg/cm ²
14	1	Outside	West	Window Frame	Metal	Brown	Deteriorated	2.5	mg/cm ²
20	1	Outside	East	Door Frame	Metal	Brown	Intact	8.4	mg/cm ²
24	1	1	West	Door Frame	Metal	Gray	Deteriorated	3	mg/cm ²
27	Roof	Outside		Pipe	Metal	Gray	Intact	83.3	mg/cm ²
163	1	3	West	Door Frame	Metal	Brown	Deteriorated	1.7	mg/cm ²
164	1	3	North	Door Frame	Metal	Brown	Deteriorated	5.2	mg/cm ²
174	1	4	South	Door Frame	Metal	Gray	Intact	4	mg/cm ²
180	1	6	East	Column	Plaster	Gray	Intact	2.1	mg/cm ²
181	1	6	East	Wall	Concrete	White	Intact	4.1	mg/cm ²
185	1	6	South	Wall	Concrete	White	Intact	2.2	mg/cm ²
193	1	7	South	Door Frame	Metal	Brown	Intact	6	mg/cm ²
194	1	8	South	Door Frame	Metal	Brown	Intact	3.7	mg/cm ²
203	1	9	South	Door Frame	Metal	Brown	Intact	7.7	mg/cm ²
210	1	10	North	Door Frame	Metal	Brown	Intact	5.4	mg/cm ²
214	1	11	East	Door Frame	Metal	Brown	Intact	6	mg/cm ²
215	1	11	North	Door Frame	Metal	White	Intact	6	mg/cm ²
227	1	13	East	Window Frame	Metal	Red	Intact	2.8	mg/cm ²
232	1	14	North	Door Frame	Metal	Blue	Intact	5.8	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

BUILDING AR4450

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
AD/AR-T22-01 Interior Paint (TTLC)	2300	70	57	NA	22	NA	390	NA	12	1400	mg/kg
(STLC)							40				mg/l
(TCLP)							1.2				mg/l
AD/AR-T22-02 Exterior Paint (TTLC)	8800	1300	89	21	11	NA	6900	NA	NA	5400	mg/kg
(STLC)							130				mg/l
(TCLP)							4.5				mg/l
AD/AR-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	mg/kg
AD/AR-T22-04 Other (TTLC)	1800	32	6	10	2.2	8	170	66	15	1300	mg/kg
(STLC)							6.3				mg/l
(TCLP)							<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	410
Other Non-incandescent Lamps	Universal Waste	7
Light Fixture Ballasts	Polychlorinated Biphenyls*	205
Water Coolers/Fountains	Ozone Depleting Chemicals	3

*The building was energized at the time of the survey so no samples of ballast capacitor oil were taken.




BUILDING AR4450

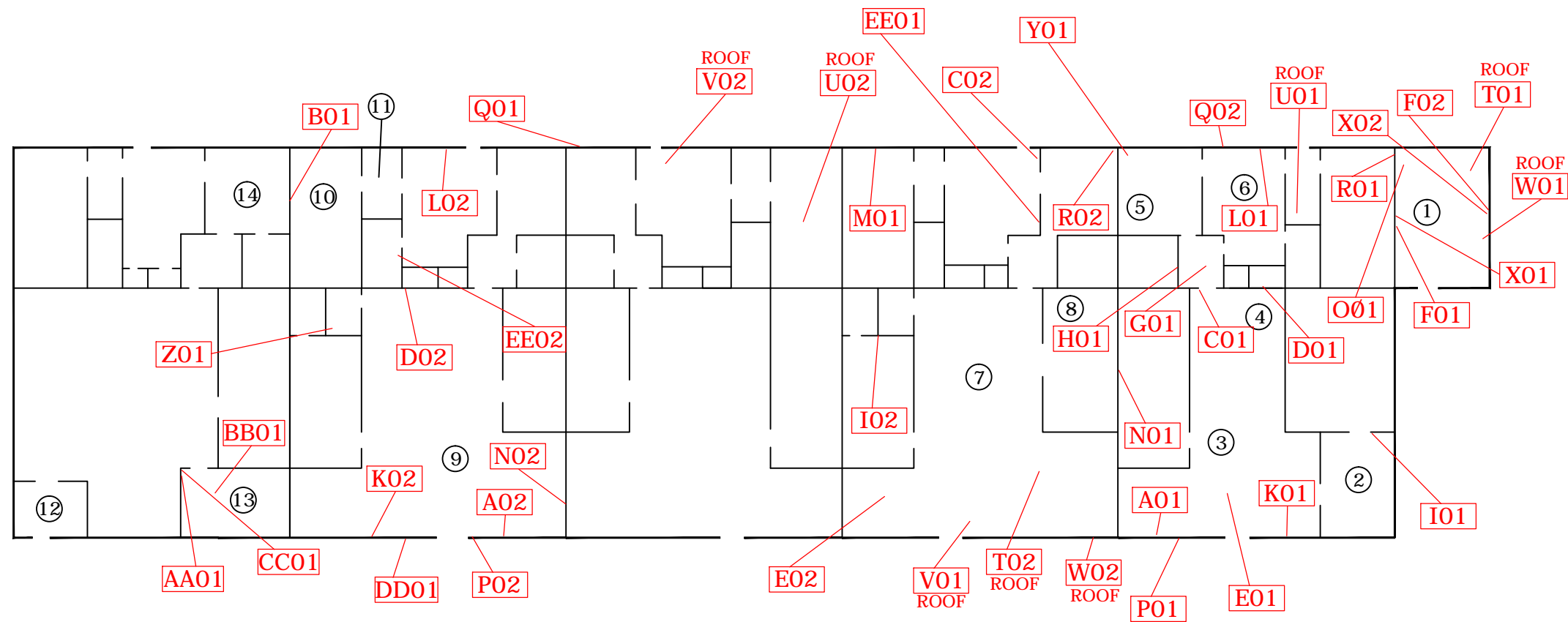
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray	2
B	Acoustic Ceiling Tile/Mastic	12" White, Fissure Pinhole/Brown	1
C	Vinyl Floor Tile/Mastic	9" Beige/Black	2
D	Paint/Concrete	White/Gray, Upper Walls & Ceiling	2
E	Concrete	Gray, Foundation	2
F	Jacketing	White, Pipe	2
G	Heat Shield	Gray, Light	1
H	Mortar/Grout	White/Gray, 1" Ceramic Floor	1
I	Wallboard/Joint Compound	White/White, Walls	2
J	Not Used	Not Used	Not Used
K	Putty	White, Metal Windows	2
L	Glazing	White, Aluminum Windows	2
M	Cement Panel	Gray, Under Windows	1
N	Joint Compound	White, Concrete Masonry Unit Patching	2
O	Cement Pipe	21" OD, Gray	1
P	Sealant	Gray, Door Frames & Window Frames	2
Q	Sealant	White & Gray, Aluminum Panels	2
R	Paint/Plaster	White, Rough, Pipe Chase	2
S	Not Used	Not Used	Not Used
T	Roof Field	Black & Black, Tar & Gravel	2
U	Base	Gray & Black, Built Up	2
V	Mastic	Gray & Black, Pipe Penetrations	2

BUILDING AR4450
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Flashing	Black & Black, Tar & Gravel	2
X	Jacketing	White & Yellow, Elbow	2
Y	Vinyl Floor Tile/Mastic	12" White/Black	1
Z	Vinyl Floor Tile/Mastic	9" Black/Black	1
AA	Vinyl Floor Tile/Mastic	12" White With Black Streaks/Black	1
BB	Acoustic Ceiling Panel	2'x2' White, Fissure	1
CC	Basecove/Mastic	4" Brown/Brown	1
DD	Sealant	Black, Window Frame	1
EE	Wallboard/Joint Compound	White/White, Ceilings	2

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATION



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 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



SHEET TITLE

BUILDING AR4450
 SAMPLE LOCATIONS

SCALE: 1"=20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/05/2016
 DRAWING No.

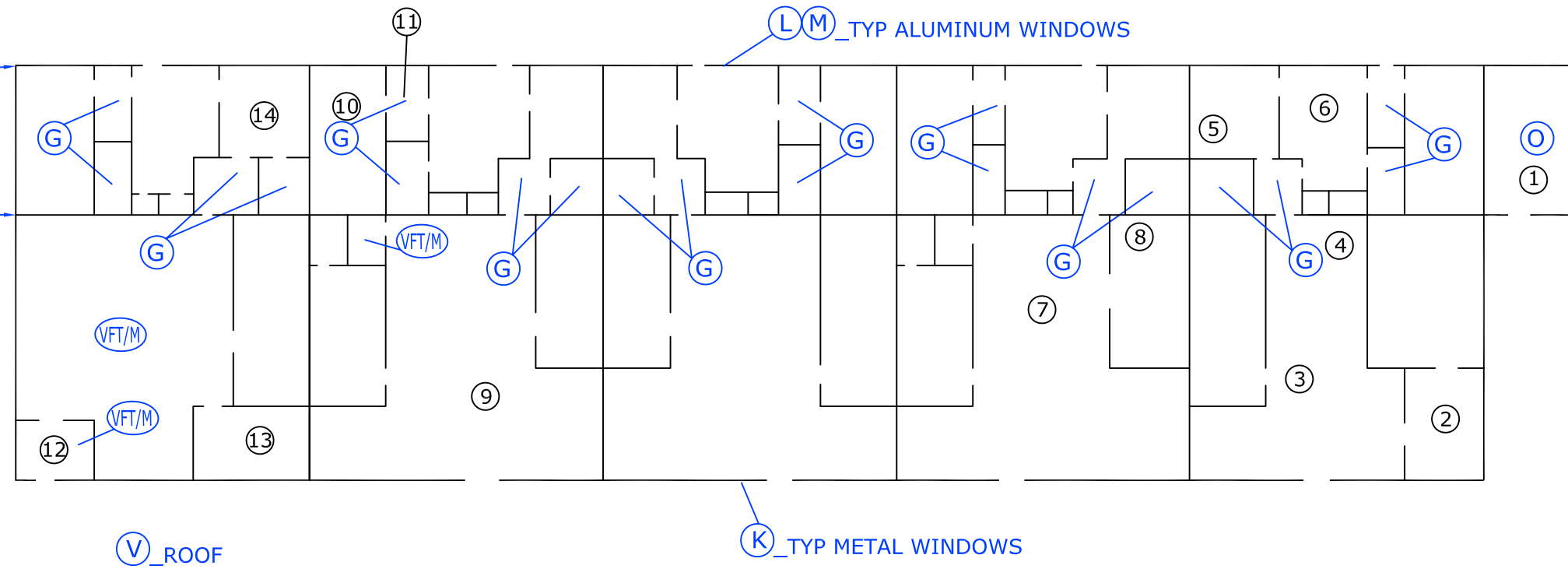
FIGURE

AR4450

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

EAST OFFICES:

 THROUGHOUT, EXCEPT RESTROOMS.
 TYP CEILINGS.



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PROJECT TITLE

FORA
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SHEET TITLE

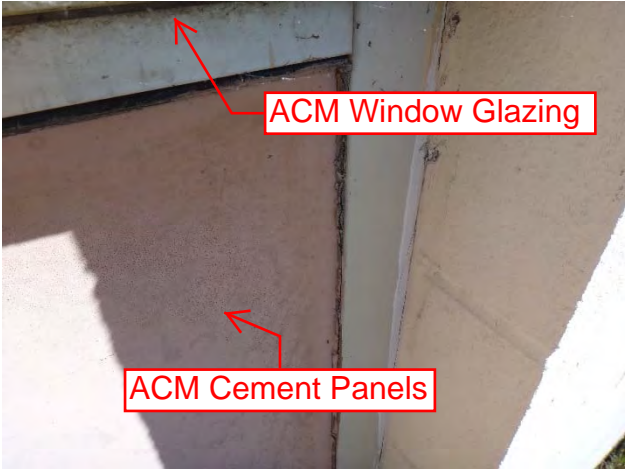
BUILDING AR4450
 MATERIAL LOCATIONS

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

AR4450

BUILDING AR4450
PHOTO DOCUMENTATION



BUILDING AR4450
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217645
Date Received: 03/04/16
Date Analyzed: 03/08/16
Date Printed: 03/09/16
First Reported: 03/09/16

Job ID/Site: 161091001 - FORA, AR4450

FALI Job ID: L1161
Total Samples Submitted: 45
Total Samples Analyzed: 45

Date(s) Collected: 03/03/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-A01	11738025						
Layer: Grey Cementitious Material			ND				
Layer: White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-A02	11738026						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-B01	11738027						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %)							
AR4450-C01	11738028						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AR4450-C02	11738029						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AR4450-D01	11738030						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217645

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-D02	11738031						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-E01	11738032						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4450-E02	11738033						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4450-F01	11738034						
Layer: Tan Fibrous Material			ND				
Layer: Yellow Woven Material			ND				
Layer: Beige Mastic			ND				
Layer: White Fibrous Material			ND				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (65 %)							
AR4450-F02	11738035						
Layer: Yellow Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (85 %)							
AR4450-G01	11738036						
Layer: White Fibrous Material		Chrysotile	80 %				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (76%)					
Cellulose (5 %)							
AR4450-H01	11738037						
Layer: Grey Ceramic Tile			ND				
Layer: Grey Grout			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217645

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-I01	11738038						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %)		Asbestos (ND)					
AR4450-I02	11738039						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %)		Asbestos (ND)					
AR4450-K01	11738040						
Layer: Light Grey Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					
AR4450-K02	11738041						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
AR4450-L01	11738042						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
AR4450-L02	11738043						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
AR4450-M01	11738044						
Layer: White Semi-Fibrous Material		Chrysotile	15 %				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (50 %)		Asbestos (8%)					
AR4450-N01	11738045						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217645

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-N02	11738046						
Layer: Off-White Non-Fibrous Material			ND				
Layer: Paint			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-O01	11738047						
Layer: Grey Semi-Fibrous Material		Chrysotile	7 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (9%)					
AR4450-P01	11738048						
Layer: Grey Non-Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-P02	11738049						
Layer: Grey Non-Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-Q01	11738050						
Layer: Grey Non-Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-Q02	11738051						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-R01	11738052						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-R02	11738053						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217645

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-T01	11738054						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (15 %)						
Comment: Bulk complex sample.							
AR4450-T02	11738055						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (15 %)						
Comment: Bulk complex sample.							
AR4450-U01	11738056						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (15 %)						
Comment: Bulk complex sample.							
AR4450-U02	11738057						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (15 %)						
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217645

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-V01	11738058						
Layer: Grey Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
AR4450-V02	11738059						
Layer: Grey Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
AR4450-W01	11738060						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Fibrous Glass (15 %)							
Comment: Bulk complex sample.							
AR4450-W02	11738061						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (15 %)							
Comment: Bulk complex sample.							
AR4450-X01	11738062						
Layer: Yellow Fibrous Material			ND				
Layer: White Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (75 %)							
AR4450-X02	11738063						
Layer: Yellow Fibrous Material			ND				
Layer: White Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (75 %)							
AR4450-Y01	11738064						
Layer: White Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217645

Date Printed: 03/09/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-Z01	11738065						
Layer: Black Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4450-AA01	11738066						
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
AR4450-BB01	11738067						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
AR4450-CC01	11738068						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4450-DD01	11738069						
Layer: Brown Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: AR4450

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4450	A	01	PAINT/MU/MORTAR	WHITE/GRAY/GRAY		
AR4450	A	02	↓	↓		
AR4450	B	01	ACT/MAS	12" WHITE, FISSURE PAINT/BLACK/BROWN		
AR4450	C	01	VPT/MAS	9" BEIGE/BLACK		
AR4450	C	02	↓	↓		
AR4450	D	01	PAINT/CONCRETE	WHITE & GRAY, UPPER WALLS & CEILINGS		
AR4450	D	02	↓	↓		
AR4450	E	01	CONCRETE	GRAY, FOUNDATION		
AR4450	E	02	↓	↓		
AR4450	F	01	JACKETING	WHITE, PIPE		

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

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LOUIS J. ROCHA
PRINTED NAME

S. HOLLIGER
PRINTED NAME

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: AR4450

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4450	F	02	↓	↓		
AR4450	G	01	HEAT SHIELD	GRAY, LIGHT		
AR4450	H	01	MORTAR/GROUT	WHITE/GRAY, 1" FLOOR		
AR4450	I	01	WB/SC	WHITE/WHITE W&E		
AR4450	I	02	↓	↓		
AR4450	K	01	PUTTY	WHITE, METAL WINDOWS		
AR4450	K	02	↓	↓		
AR4450	L	01	GLAZING	WHITE, ALUMINUM WINDOWS		
AR4450	L	02	↓	↓		
AR4450	M	01	CEMENT PANEL	GRAY, UNDER WINDOWS		

ANALYTICAL METHOD: PLM ~~400FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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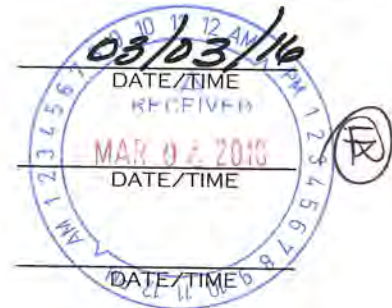
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S. Hollister
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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: AR4450

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4450	N	01	JOINT COMPOUND	WHITE, CMU PATCHING		
AR4450	N	02	↓	↓		
AR4450	O	01	CEMENT PIPE	GRAY, 18" OD		
AR4450	P	01	SEALANT	GRAY, DOOR & WINDOW FRAMES		
AR4450	P	02	↓	↓		
AR4450	Q	01	SEALANT	WHITE & GRAY, ALUMINUM PANELS.		
AR4450	Q	02	↓	↓		
AR4450	R	01	PAINT/PLASTER	WHITE, ROUGH PIPE CHASE		
AR4450	R	02	↓	↓		
AR4450	T	01	ROOF FELD	BLACK, T & G		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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LUIS J. ROCHA
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S. HOLLISTER
PRINTED NAME

PRINTED NAME





2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: AR4450

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4450	T	02	↓	↓		
AR4450	U	01	BASE	GRAY & BLACK, BUILT UP		
AR4450	U	02	↓	↓		
AR4450	V	01	MASTIC	GRAY & BLACK, ROOF PENETRATION & SEAMS		
AR4450	V	02	↓	↓		
AR4450	W	01	FLASHING	BLACK & BLACK, T & G		
AR4450	W	02	↓	↓		
AR4450	X	01	JACKETING	WHITE & YELLOW, ELBOWS		
AR4450	X	02	↓	↓		
AR4450	Y	01	VPT/MAS	12" WHITE/BLACK		

ANALYTICAL METHOD: PLM ~~400 PPG COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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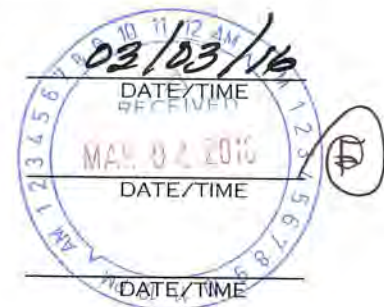
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S. Hallister
PRINTED NAME

PRINTED NAME



2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: AR4450

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4450	Z	01	VFT/MAS	9" BLACK / BLACK		
AR4450	AA	01	VFT/MAS	12" WHITE WITH BLACK STREAKS / BLACK		
AR4450	BB	01	ACP	2'x2' WHITE FISSURED		
AR4450	CC	01	BASECOTE/MAS	4" BROWN / BROWN		
AR4450	DD	01	SLABANT	BLACK WINDOW FRAME		
45 SAMPLES						

ANALYTICAL METHOD: PLM ~~400 PTCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
 DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
 QUESTIONS CALL: 510.658.8860

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03/03/16
DATE/TIME

MAR 03 2016
DATE/TIME

DATE/TIME



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B221125
Date Received: 05/11/16
Date Analyzed: 05/11/16
Date Printed: 05/12/16
First Reported: 05/11/16

Job ID/Site: 161091001 - FORA, AR4450

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 05/10/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4450-EE01	11763227						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)	Fibrous Glass (10 %)						
AR4450-EE02	11763228						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)	Fibrous Glass (10 %)						

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008193
Date Received: 05/11/16
Date Analyzed: 05/17/16
Date Printed: 05/17/16

Job ID/Site: 161091001 - FORA, AR4450

FALI Job ID: L1161

PLM Report Number: B221125

Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
AR4450-EE01	11763227	Composite of ALL Layers White Drywall Off-White Joint Compound White Tape Off-White Joint Compound Paint

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

AR4450-EE02	11763228	Composite of ALL Layers White Drywall Off-White Joint Compound Paint
--------------------	----------	--

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008193
Date Received: 05/11/16
Date Analyzed: 05/17/16
Date Printed: 05/17/16

Job ID/Site: 161091001 - FORA, AR4450

FALI Job ID: L1161

PLM Report Number: B221125

Total Samples Submitted: 2

Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

Note: Point count results are reported to the nearest percent per EPA method.

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: 05/10/16 Turn Around Time: <input checked="" type="checkbox"/> <i>RDSH</i> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input type="checkbox"/> Ext: <i>2 hrs</i> Due Date: 05/11/16 Due Time: <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input type="checkbox"/> Metals Analysis: Method _____ Matrix: _____ Analytes: _____
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD4450	

Comments / Email Reports To:
chrisburns@vista-env.com & molli@vista-env.com

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD4450-EEO1	5/10/16	WALLBOARD/JOINT COMPOUND, WHITE/WHITE. +	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				1
AD4450-EEO2	5/10/16	WALLBOARD/JOINT COMPOUND, WHITE/WHITE.	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				1
<div style="font-size: 2em; font-weight: bold; transform: rotate(-15deg); opacity: 0.5;">2 SAMPLES</div>							

Sampled by: <u>JAVIER ROCHA</u> Date: <u>05/10/16</u> Time: <u>0900</u>		
Shipped via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Drop Off <input type="checkbox"/> Other: _____		
Relinquished by: <i>Javier Rocha</i> Date / Time: <u>05/11/16 0920</u>	Relinquished by: _____ Date / Time: _____	Relinquished by: _____ Date / Time: _____
Received by: <i>[Signature]</i> Date / Time: <u>MAY 11 2016</u> Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

**FORA
AR4450
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					CALIBRATE				Positive	1	mg/cm ²
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4	AR 4450	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
5	AR 4450	1	OUTSIDE	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
6	AR 4450	1	OUTSIDE	WEST	WINDOW SILL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
7	AR 4450	1	OUTSIDE	WEST	WINDOW	METAL	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
8	AR 4450	1	OUTSIDE	WEST	DOWNSPOUT	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
9	AR 4450	1	OUTSIDE	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
10	AR 4450	1	OUTSIDE	WEST	DOOR	METAL	BROWN	DETERIORATED	Negative	0.15	mg/cm ²
11	AR 4450	1	OUTSIDE	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	2.1	mg/cm ²
12	AR 4450	1	OUTSIDE	WEST	CURB	CONCRETE	YELLOW	DETERIORATED	Negative	0.04	mg/cm ²
13	AR 4450	1	OUTSIDE	WEST	WALL PANEL	METAL	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
14	AR 4450	1	OUTSIDE	WEST	WINDOW FRAME	METAL	BROWN	DETERIORATED	Positive	2.5	mg/cm ²
15	AR 4450	1	OUTSIDE	WEST	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
16	AR 4450	1	OUTSIDE	NORTH	WALL	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
17	AR 4450	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
18	AR 4450	1	OUTSIDE	EAST	WALL PANEL	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
19	AR 4450	1	OUTSIDE	EAST	DOOR	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
20	AR 4450	1	OUTSIDE	EAST	DOOR FRAME	METAL	BROWN	INTACT	Positive	8.4	mg/cm ²
21	AR 4450	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
22	AR 4450	1	OUTSIDE	EAST	BENCH	WOOD	YELLOW	DETERIORATED	Negative	0	mg/cm ²
23	AR 4450	1	1	WEST	DOOR	METAL	BLUE	DETERIORATED	Negative	0.01	mg/cm ²
24	AR 4450	1	1	WEST	DOOR FRAME	METAL	GRAY	DETERIORATED	Positive	3	mg/cm ²
25	AR 4450	1	1		BOILER	METAL	BLUE	DETERIORATED	Negative	0.01	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4450
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
26	AR 4450	ROOF	OUTSIDE		VENT	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.01	mg/cm ²
27	AR 4450	ROOF	OUTSIDE		PIPE	METAL	GRAY	INTACT	Positive	83.3	mg/cm ²
131					CALIBRATE				Positive	1.1	mg/cm ²
132					CALIBRATE				Positive	1	mg/cm ²
133					CALIBRATE				Positive	1	mg/cm ²
1									383.06	2.96	cps
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
156	AR 4450	1	2	WEST	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
157	AR 4450	1	2	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
158	AR 4450	1	2	WEST	WINDOW	METAL	GRAY	DETERIORATED	Negative	0.01	mg/cm ²
159	AR 4450	1	2	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
160	AR 4450	1	2	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
161	AR 4450	1	2	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
162	AR 4450	1	3	WEST	DOOR	METAL	BROWN	DETERIORATED	Negative	0.07	mg/cm ²
163	AR 4450	1	3	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.7	mg/cm ²
164	AR 4450	1	3	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	5.2	mg/cm ²
165	AR 4450	1	3	NORTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.04	mg/cm ²
166	AR 4450	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
167	AR 4450	1	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
168	AR 4450	1	3		CEILING	METAL	WHITE	INTACT	Negative	0.15	mg/cm ²
170	AR 4450	1	3		BEAM	METAL	WHITE	INTACT	Negative	0.18	mg/cm ²
171	AR 4450	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
172	AR 4450	1	4	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4450
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
173	AR 4450	1	4	EAST	BASEBOARD	CERAMIC	GRAY	INTACT	Negative	0.06	mg/cm ²
174	AR 4450	1	4	SOUTH	DOOR FRAME	METAL	GRAY	INTACT	Positive	4	mg/cm ²
175	AR 4450	1	4	SOUTH	DOOR	WOOD	GRAY	INTACT	Negative	0.03	mg/cm ²
176	AR 4450	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
177	AR 4450	1	5	SOUTH	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
178	AR 4450	1	5		FLOOR	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
179	AR 4450	1	5	NORTH	STALL	METAL	GRAY	INTACT	Negative	0.08	mg/cm ²
180	AR 4450	1	6	EAST	COLUMN	PLASTER	GRAY	INTACT	Positive	2.1	mg/cm ²
181	AR 4450	1	6	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	4.1	mg/cm ²
182	AR 4450	1	6	EAST	RADIATOR	METAL	GRAY	INTACT	Negative	0.1	mg/cm ²
184	AR 4450	1	6	EAST	WALL PANEL	METAL	GRAY	INTACT	Negative	0.6	mg/cm ²
185	AR 4450	1	6	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.2	mg/cm ²
186	AR 4450	1	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
187	AR 4450	1	7	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
188	AR 4450	1	7	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
189	AR 4450	1	7	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
190	AR 4450	1	7	SOUTH	WALL PANEL	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
191	AR 4450	1	7	SOUTH	WALL	METAL	WHITE	INTACT	Negative	0	mg/cm ²
192	AR 4450	1	7	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
193	AR 4450	1	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	6	mg/cm ²
194	AR 4450	1	8	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.7	mg/cm ²
195	AR 4450	1	8	EAST	CAGE	METAL	WHITE	INTACT	Negative	0.02	mg/cm ²
196	AR 4450	1	8	EAST	WINDOW FRAME	WOOD	WHITE	INTACT	Negative	0.05	mg/cm ²
197	AR 4450	1	8	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
198	AR 4450	1	9	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0.03	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4450
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
199	AR 4450	1	9	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
200	AR 4450	1	9	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.6	mg/cm ²
201	AR 4450	1	9	NORTH	DOOR	WOOD	WHITE	INTACT	Negative	0.6	mg/cm ²
202	AR 4450	1	9	SOUTH	DOOR	METAL	WHITE	INTACT	Negative	0.09	mg/cm ²
203	AR 4450	1	9	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	7.7	mg/cm ²
204	AR 4450	1	9	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.24	mg/cm ²
205	AR 4450	1	9	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
206	AR 4450	1	9		CEILING	METAL	WHITE	INTACT	Negative	0.16	mg/cm ²
207	AR 4450	1	9		BEAM	METAL	WHITE	INTACT	Negative	0.06	mg/cm ²
208	AR 4450	1	10	NORTH	WALL	CONCRETE	TAN	INTACT	Negative	0.21	mg/cm ²
209	AR 4450	1	10	NORTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.07	mg/cm ²
210	AR 4450	1	10	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	5.4	mg/cm ²
211	AR 4450	1	10	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
212	AR 4450	1	10	EAST	WALL PANEL	METAL	BROWN, LIGHT	INTACT	Negative	0.6	mg/cm ²
213	AR 4450	1	11	EAST	DOOR	METAL	BROWN	INTACT	Negative	0.11	mg/cm ²
214	AR 4450	1	11	EAST	DOOR FRAME	METAL	BROWN	INTACT	Positive	6	mg/cm ²
215	AR 4450	1	11	NORTH	DOOR FRAME	METAL	WHITE	INTACT	Positive	6	mg/cm ²
216	AR 4450	1	11	NORTH	DOOR	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
217	AR 4450	1	11	NORTH	WALL	CONCRETE	TAN	INTACT	Negative	0.08	mg/cm ²
218	AR 4450	1	10	EAST	COLUMN	PLASTER	TAN	INTACT	Negative	0.09	mg/cm ²
219	AR 4450	1	12	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
220	AR 4450	1	12	EAST	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
221	AR 4450	1	12	NORTH	WINDOW FRAME	METAL	WHITE	INTACT	Negative	0	mg/cm ²
222	AR 4450	1	12	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
223	AR 4450	1	12	WEST	DOOR FRAME	METAL	GRAY	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4450
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
224	AR 4450	1	12	WEST	DOOR	METAL	GRAY	INTACT	Negative	0	mg/cm ²
225	AR 4450	1	13	EAST	DOOR	WOOD	RED	INTACT	Negative	0.6	mg/cm ²
226	AR 4450	1	13	EAST	DOOR FRAME	WOOD	RED	INTACT	Negative	0.21	mg/cm ²
227	AR 4450	1	13	EAST	WINDOW FRAME	METAL	RED	INTACT	Positive	2.8	mg/cm ²
228	AR 4450	1	13	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
229	AR 4450	1	13	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
230	AR 4450	1	14	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
231	AR 4450	1	14	NORTH	BASEBOARD	CERAMIC	BLUE	INTACT	Negative	0.07	mg/cm ²
232	AR 4450	1	14	NORTH	DOOR FRAME	METAL	BLUE	INTACT	Positive	5.8	mg/cm ²
233	AR 4450	1	14	NORTH	DOOR	METAL	BLUE	INTACT	Negative	0.06	mg/cm ²
234	AR 4450	1	14	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
235					CALIBRATE				Positive	1	mg/cm ²
236					CALIBRATE				Positive	1	mg/cm ²
238					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-01	30736300	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	2300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	57	mg/kg	5	EPA 3050B/6010B
		Cr	70	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	22	mg/kg	2	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	390	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	12	mg/kg	8	EPA 3050B/6010B
		Zn	1400	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-02	30736301	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8800	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	89	mg/kg	6	EPA 3050B/6010B
		Cr	1300	mg/kg	30	EPA 3050B/6010B
		Cu	21	mg/kg	8	EPA 3050B/6010B
		Hg	11	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	6900	mg/kg	70	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	5400	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171603
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/27/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737910	Pb	40	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737911	Pb	130	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171602
Date Received: 04/28/16
Date Analyzed: 05/04/16
Date Printed: 05/04/16
First Reported: 05/04/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737908	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737909	Pb	4.5	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-03	30736302	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30736303	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	6	mg/kg	2	EPA 3050B/6010B
		Cr	32	mg/kg	2	EPA 3050B/6010B
		Cu	10	mg/kg	3	EPA 3050B/6010B
		Hg	2.2	mg/kg	0.3	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	8	mg/kg	3	EPA 3050B/6010B
		Pb	170	mg/kg	3	EPA 3050B/6010B
		Sb	66	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	15	mg/kg	2	EPA 3050B/6010B
		Zn	1300	mg/kg	50	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171382
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737287	Pb	6.3	mg/l	0.7	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171383
Date Received: 04/25/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737288	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: <u>4/12/16</u> Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: <u>5 Day</u> Due Date: <u>4/20/16</u> Due Time: <u>EOD</u> <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD/AR	Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com <div style="text-align: right; font-size: 1.2em;"><u>Hold for possible TCLP/STLC</u></div>

Sample ID	Date/ Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD/AR - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-04	4/12/16 1400	83 % CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1 %	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		Unpainted Wood (90 by wt)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: <u>Chris Burns</u> Date: <u>4/12/16</u> Time: <u>1400</u>		
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished by: Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: Date / Time: <u>APR 13 2015 1130</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING AR4458



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING AR4458

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
C	Vinyl Floor Tile/Mastic	9" Beige/Black	Throughout West Office Areas, Except Restroom; North East Warehouse Area	Class II	Category I - Non-Friable	4,100 SF
G	Heat Shield	Gray, Light	Lobby, Room East of Lobby, Restroom and Restroom Foyer	Class II	Friable (RACM when Removed)	25 SF (25 Each)
I	Wallboard/Joint Compound	White/White, Ceiling	Throughout West Office Areas Ceilings	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	4,000 SF
K	Putty	White, Metal Windows	East Windows	Class II	Category II-Non-Friable	320 SF (20 Windows)
L	Glazing	White, Aluminum Windows	West Windows	Class II	Category II-Non-Friable	420 SF (15 Windows)
M	Cement Panel	Gray, Under Windows	West Windows (Inside Metal)	Class II	Category II-Non-Friable	180 SF (15 Each)
O	Cement Pipe	21" O.D, Gray	Mechanical Room to Roof	Class II	Category II-Non-Friable	10 LF
S	Mudding	Gray, On Homogeneous "O"	Mechanical Room to Roof	Class II	Category I - Non-Friable	2 SF

BUILDING AR4458

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
303	Roof	Outside		Pipe Covering	Metal	Brown	Intact	85.1	mg/cm ²
310	1	Outside	East	Door Frame	Metal	Brown, Light	Intact	7.2	mg/cm ²
312	1	Outside	East	Curb	Concrete	Green	Intact	7.5	mg/cm ²
324	1	1	East	Door	Metal	Brown	Deteriorated	1.5	mg/cm ²
325	1	1	East	Door Frame	Metal	Brown	Deteriorated	2.5	mg/cm ²
327	1	1	North	Wall	Concrete	White	Intact	1.2	mg/cm ²
328	1	1	North	Door Frame	Metal	Brown	Intact	2.3	mg/cm ²
331	1	2	South	Door Frame	Metal	Brown	Intact	1.6	mg/cm ²
342	1	3	South	Door Frame	Metal	Brown	Intact	2.7	mg/cm ²
347	1	5	East	Door Frame	Metal	Brown	Deteriorated	4.5	mg/cm ²
351	1	5	West	Window Frame	Metal	White	Deteriorated	2.9	mg/cm ²
364	1	7	South	Door Frame	Metal	Brown	Intact	3.2	mg/cm ²
372	1	8	South	Door Frame	Metal	Brown	Deteriorated	3.5	mg/cm ²
380	1	9	South	Door Frame	Metal	Brown	Intact	7.6	mg/cm ²
381	1	9	East	Door Frame	Metal	Brown	Deteriorated	6.1	mg/cm ²
383	1	9	West	Window Frame	Metal	Brown	Deteriorated	4.2	mg/cm ²
388	1	10	North	Door Frame	Metal	Brown	Intact	1.9	mg/cm ²
396	1	11	North	Door Frame	Metal	Brown	Intact	2.3	mg/cm ²
397	1	12	East	Door Frame	Metal	Blue, Light	Intact	3	mg/cm ²
409	1	14	South	Door Frame	Metal	Brown	Intact	5.4	mg/cm ²
411	1	14	West	Window Frame	Metal	Brown	Intact	2.6	mg/cm ²
421	1	16	North	Door Frame	Metal	Brown	Intact	2.8	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

BUILDING AR4458

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
AD/AR-T22-01 Interior Paint (TTLC)	2300	70	57	NA	22	NA	390	NA	12	1400	mg/kg
(STLC)							40				mg/l
(TCLP)							1.2				mg/l
AD/AR-T22-02 Exterior Paint (TTLC)	8800	1300	89	21	11	NA	6900	NA	NA	5400	mg/kg
(STLC)							130				mg/l
(TCLP)							4.5				mg/l
AD/AR-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	mg/kg
AD/AR-T22-04 Other (TTLC)	1800	32	6	10	2.2	8	170	66	15	1300	mg/kg
(STLC)							6.3				mg/l
(TCLP)							<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	410
Other Non-incandescent Lamps	Universal Waste	1
Electronic Waste (Appliances, Computers, Printers, Etc.)	Universal Waste	60
Light Fixture Ballasts	Polychlorinated Biphenyls	205
Water Coolers/Fountains	Ozone Depleting Chemicals	5
Refrigerators	Ozone Depleting Chemicals	5

Note: Mold growth is visible throughout.

BUILDING AR4458 HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
AR4418-PCBB01	Ballast Capacitor Oil	PCB-1242	440,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a “PCB Bulk Product Waste” according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.




BUILDING AR4458

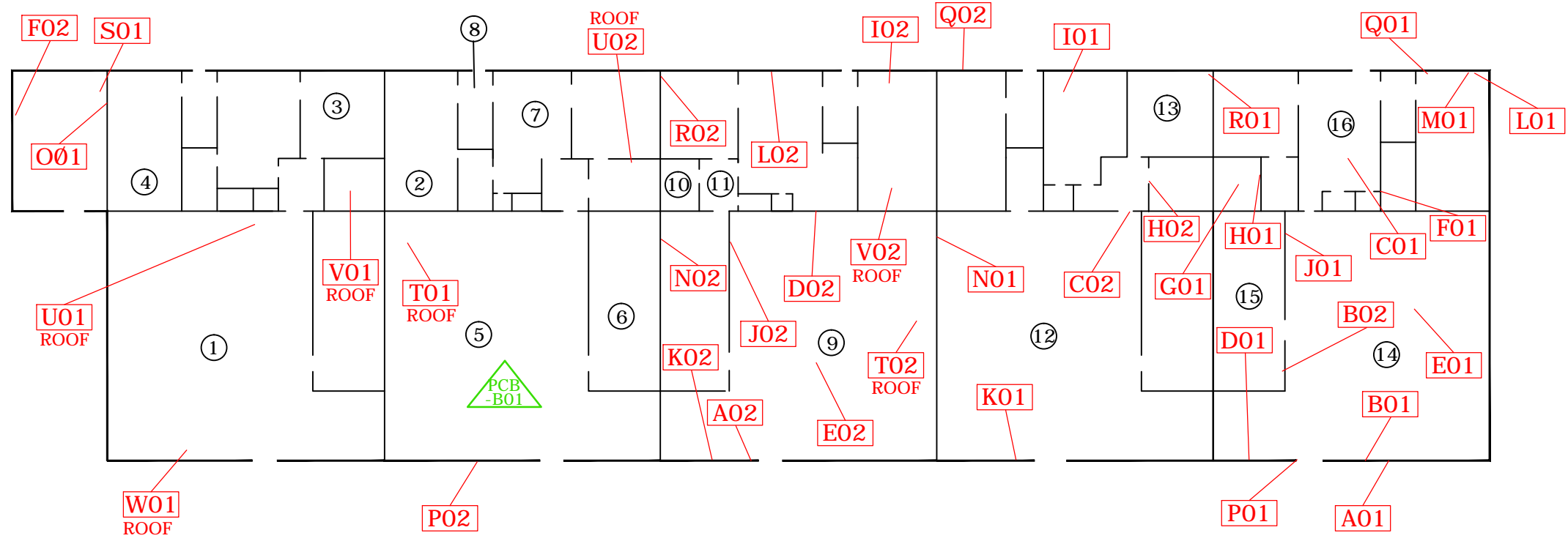
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray	2
B	Acoustic Ceiling Tile/Mastic	12" White Uniform Pinhole/Brown	2
C	Vinyl Floor Tile/Mastic	9" Beige/Black	2
D	Paint/Concrete	White/Gray, Upper Walls & Ceiling	2
E	Concrete	Gray, Foundation	2
F	Jacketing	White, Pipe	2
G	Heat Shield	Gray, Light	1
H	Mortar/Grout	White/Gray, 1" Ceramic Floor	2
I	Wallboard/Joint Compound	White/White, Ceiling	2
J	Insulator Paper	Gray & Beige, Electrical Box	2
K	Putty	White, Metal Windows	2
L	Glazing	White, Aluminum Windows	2
M	Cement Panel	Gray, Under Windows	1
N	Joint Compound	White, Concrete Masonry Unit Patching	2
O	Cement Pipe	21" O.D, Gray	1
P	Sealant	Gray, Door Frames, Window Frames & Seams	2
Q	Sealant	Gray, Aluminum Panels	2
R	Paint/Plaster	White, Rough, Pipe Chase	2
S	Mudding	Gray, On Homogeneous "O"	1
T	Roof Field	Black & Black, Tar & Gravel	2
U	Base	Gray & Black, Built Up	2
V	Mastic	Gray & Black, Pipe Penetrations	2

BUILDING AR4458
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Flashing	Black & Black, Tar & Gravel	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATION





VISTA ENVIRONMENTAL CONSULTING
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 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

PROJECT TITLE
 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AR4458
 SAMPLE LOCATIONS

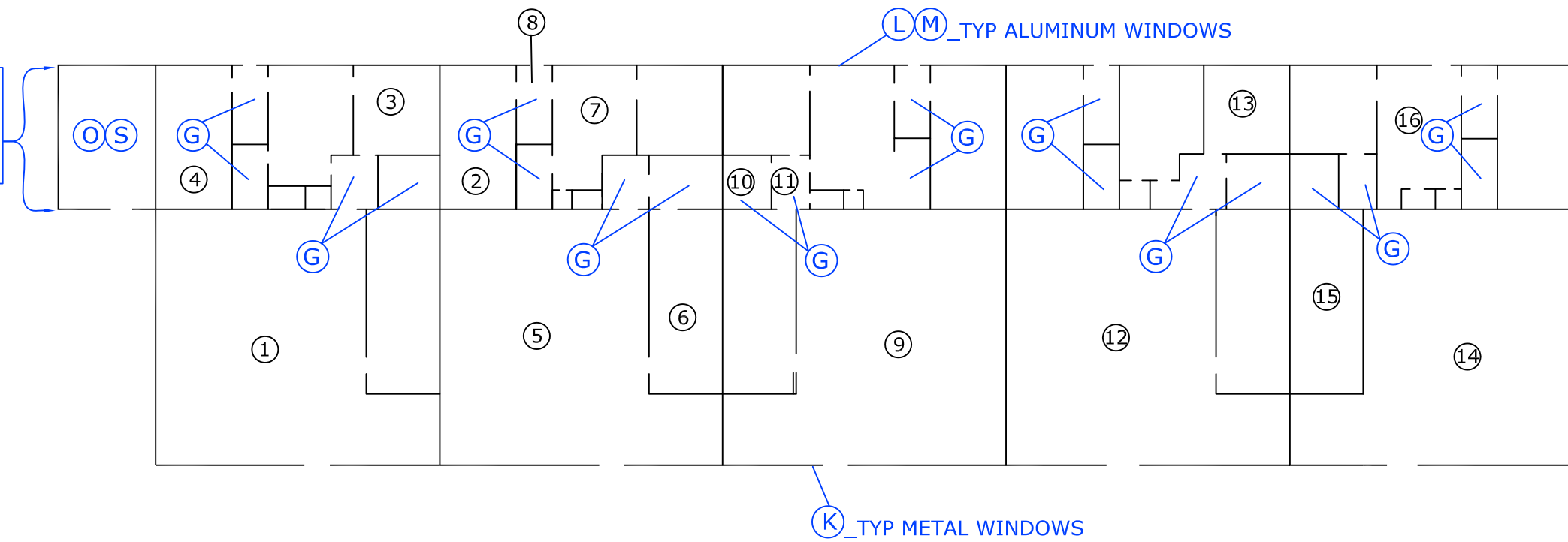
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 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/05/2016
 DRAWING No.

FIGURE
 AR4458

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

WEST OFFICES:

_THROUGHOUT, EXCEPT RESTROOMS.
_TYP CEILINGS.




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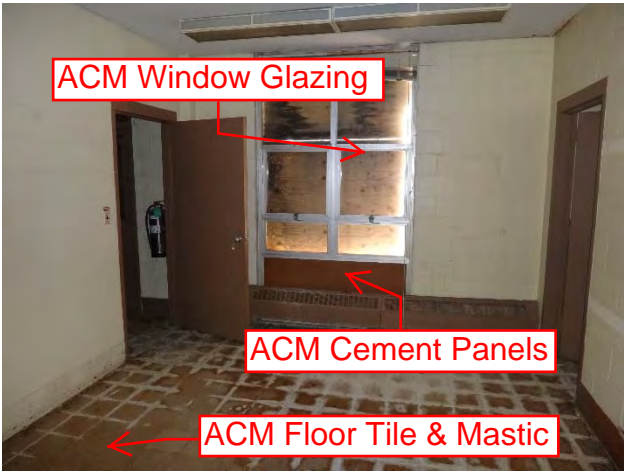
PROJECT TITLE
 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING AR4458
 MATERIAL LOCATIONS

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 AR4458

BUILDING AR4458
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B216929
Date Received: 02/19/16
Date Analyzed: 02/23/16
Date Printed: 02/23/16
First Reported: 02/23/16

Job ID/Site: 161091001 - FORA, AR4458

FALI Job ID: L1161
Total Samples Submitted: 40
Total Samples Analyzed: 40

Date(s) Collected: 02/15/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4458-A-01	11732835						
Layer: Light Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-A-02	11732836						
Layer: Light Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-B-01	11732837						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
AR4458-B-02	11732838						
Layer: Brown Mastic			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
AR4458-C-01	11732839						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
AR4458-C-02	11732840						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216929

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4458-D-01	11732841						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-D-02	11732842						
Layer: Grey Cementitious Material			ND				
Layer: Dark Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-E-01	11732843						
Layer: Grey Cementitious Material			ND				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4458-E-02	11732844						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4458-F-01	11732845						
Layer: Yellow Fibrous Material			ND				
Layer: Silver Foil			ND				
Layer: Beige Mastic			ND				
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (60 %)							
AR4458-F-02	11732846						
Layer: Yellow Fibrous Material			ND				
Layer: Beige Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %) Fibrous Glass (50 %)							
AR4458-G-01	11732847						
Layer: White Fibrous Material		Chrysotile	70 %				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (67%)					
Cellulose (20 %)							

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Report Number: B216929

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4458-H-01	11732848						
Layer: Grey Ceramic Tile			ND				
Layer: Brown Mastic			ND				
Layer: Grey Grout			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4458-H-02	11732849						
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4458-I-01	11732850						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (10 %)							
AR4458-I-02	11732851						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (10 %)							
AR4458-J-01	11732852						
Layer: Grey Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
AR4458-J-02	11732853						
Layer: Grey Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
AR4458-K-01	11732854						
Layer: Grey Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

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Report Number: B216929

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4458-K-02	11732855						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
AR4458-L-01	11732856						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
AR4458-L-02	11732857						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
AR4458-M-01	11732858						
Layer: Brown Fibrous Material			ND				
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Total Composite Values of Fibrous Components:		Asbestos (8%)					
AR4458-N-01	11732859						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-N-02	11732860						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-O-01	11732861						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %	Crocidolite	5 %		
Total Composite Values of Fibrous Components:		Asbestos (20%)					
AR4458-P-01	11732862						
Layer: Tan Cementitious Material			ND				
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-P-02	11732863						
Layer: Yellow Foam			ND				
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216929

Date Printed: 02/23/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4458-Q-01	11732864						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-Q-02	11732865						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-R-01	11732866						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-R-02	11732867						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AR4458-S-01	11732868						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
AR4458-T-01	11732869						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (15 %)							
Comment: Bulk complex sample.							
AR4458-T-02	11732870						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (15 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
AR4458-U-01	11732871						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (15 %)							
Comment: Bulk complex sample.							
AR4458-V-01	11732872						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (5 %)							
AR4458-V-02	11732873						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (5 %)							
AR4458-W-01	11732874						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (15 %)							
Comment: Bulk complex sample.							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007937
Date Received: 02/19/16
Date Analyzed: 02/29/16
Date Printed: 02/29/16

Job ID/Site: 161091001 - FORA, AR4458

FALI Job ID: L1161

PLM Report Number: B216929

Total Samples Submitted: 2

Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
AR4458-I-01	11732850	Composite of ALL Layers White Drywall White Joint Compound Paint

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

AR4458-I-02	11732851	Composite of ALL Layers White Drywall White Joint Compound White Tape White Joint Compound Paint
--------------------	----------	--

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
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2984 Teagarden St.

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Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

Note: Point count results are reported to the nearest percent per EPA method.

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected. Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AR4458

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4458	A	01	PAINT/CONCRETE	WHITE/GRAY/GRAY		
AR4458	A	02	↓	↓		
AR4458	B	01	AC/MAS	12" WHITE, UNIFORM HOLE	BROWN	
AR4458	B	02	↓	↓		
AR4458	C	01	VFT/MAS	9" BEIGE/BLACK		
AR4458	C	02	↓	↓		
AR4458	D	01	PAINT/CONCRETE	WHITE/GRAY, UPPER WINDOWS, CEILING		
AR4458	D	02	↓	↓		
AR4458	E	01	CONCRETE	GRAY, FOUNDATION		
AR4458	E	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY

1. [Signature]
TRANSFER SIGNATURE

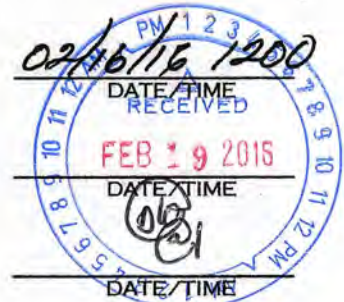
LUIS J. ROCHA
PRINTED NAME

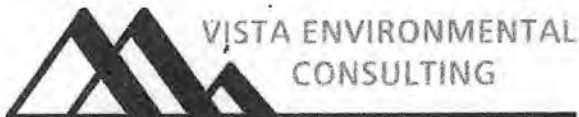
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3. _____
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PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AR4458

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4458	F	01	JACKETING	WHITE, PIPES		
AR4458	F	02	↓	↓		
AR4458	G	01	HEAT SHIELD	GRAY, LIGHT		
AR4458	H	01	MORTAR/GRUNT	WHITE/GRAY, CERAMIC FLOOR		
AR4458	H	02	↓	↓		
AR4458	I	01	WB/SC	WHITE/WHITE, CEILING		
AR4458	I	02	↓	↓		
AR4458	J	01	INSULATOR PAPER	GRAY & BEIGE, ELECTRIC BOX		
AR4458	J	02	↓	↓		
AR4458	K	01	PUTTY	WHITE, METAL WINDOWS		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

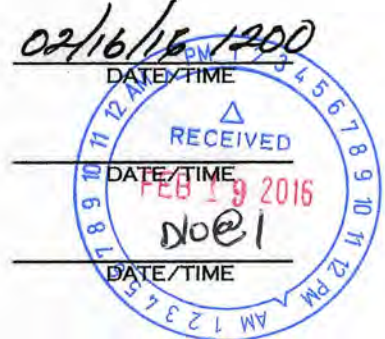
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- _____
PRINTED NAME
- _____
PRINTED NAME





2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AR4458

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224



BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4458	K	02	↓	↓		
AR4458	L	01	GLAZING	WHITE, ALUMINUM WINDOWS		
AR4458	L	02	↓	↓		
AR4458	M	01	CEMENT PANEL	GRAY, UNDER WINDOWS		
AR4458	N	01	JOINT COMPOUND	WHITE, PATCHING ON CMU		
AR4458	N	02	↓	↓		
AR4458	O	01	CEMENT PIPE	GRAY, 18"OD		
AR4458	P	01	SEALANT	GRAY WINDOW FRAMES/DF/SEAMS		
AR4458	P	02	↓	↓		
AR4458	Q	01	SEALANT	GRAY, ALUMINUM PANELS (SUPPORT)		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

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- LUIS J. ROCHA
PRINTED NAME
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PRINTED NAME
- _____
PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/15/16

LOCATION: AR4458

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
AR4458	Q	02	↓	↓		
AR4458	R	01	PAINT/PLASTER	WHITE/WHITE, PIPE CHASE		
AR4458	R	02	↓	↓		
AR4458	S	01	MUDDING	GRAY, ON CEMENT PIPE		
AR4458	T	01	ROOF FELD	GRAY & BLACK, T & G		
AR4458	T	02	↓	↓		
AR4458	U	01	BASE	GRAY & BLACK, BUILT UP		
AR4458	V	01	MASTIC	GRAY & BLACK, PENETRATIONS		
AR4458	V	02	↓	↓		
AR4458	W	01	FLASHING	BLACK, T & G		

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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QUESTIONS CALL: 510.658.8860

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LOUIS J. ROCHA
PRINTED NAME

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3. _____
TRANSFER SIGNATURE

PRINTED NAME



**FORA
AR4458
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
201					CALIBRATE				Positive	1.1	cps
202					CALIBRATE				Positive	1	cps
203					CALIBRATE				Positive	1.1	mg/cm ²
303	AR4458	ROOF	OUTSIDE		PIPE COVERING	METAL	BROWN	INTACT	Positive	85.1	mg/cm ²
304	AR4458	ROOF	OUTSIDE		VENT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
305	AR4458	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
306	AR4458	1	OUTSIDE	EAST	WINDOW SILL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
307	AR4458	1	OUTSIDE	EAST	WINDOW	METAL	BROWN, LIGHT	INTACT	Negative	0.14	mg/cm ²
308	AR4458	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
309	AR4458	1	OUTSIDE	EAST	DOOR	METAL	BROWN, LIGHT	INTACT	Negative	0.13	mg/cm ²
310	AR4458	1	OUTSIDE	EAST	DOOR FRAME	METAL	BROWN, LIGHT	INTACT	Positive	7.2	mg/cm ²
311	AR4458	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
312	AR4458	1	OUTSIDE	EAST	CURB	CONCRETE	GREEN	INTACT	Positive	7.5	mg/cm ²
313	AR4458	1	OUTSIDE	NORTH	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
314	AR4458	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
315	AR4458	1	OUTSIDE	NORTH	WALL	CONCRETE	BROWN, LIGHT	INTACT	Negative	0.21	mg/cm ²
316	AR4458	1	OUTSIDE	NORTH	FOUNDATION	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
317	AR4458	1	OUTSIDE	WEST	WALL PANEL	CONCRETE	BROWN, LIGHT	INTACT	Negative	0.3	mg/cm ²
318	AR4458	1	OUTSIDE	WEST	DOOR	METAL	TAN	DETERIORATED	Negative	0	mg/cm ²
319	AR4458	1	OUTSIDE	WEST	DOOR FRAME	METAL	TAN	DETERIORATED	Negative	0	mg/cm ²
320	AR4458	1	OUTSIDE	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
321	AR4458	1	OUTSIDE	WEST	DOOR	METAL	TAN	INTACT	Negative	0	mg/cm ²
322	AR4458	1	OUTSIDE	WEST	DOOR FRAME	METAL	TAN	DETERIORATED	Negative	0.01	mg/cm ²
323	AR4458	1	OUTSIDE	WEST	LOUVER	METAL	WHITE	INTACT	Negative	0	mg/cm ²
324	AR4458	1	1	EAST	DOOR	METAL	BROWN	DETERIORATED	Positive	1.5	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4458
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
325	AR4458	1	1	EAST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	2.5	mg/cm ²
326	AR4458	1	1	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.4	mg/cm ²
327	AR4458	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.2	mg/cm ²
328	AR4458	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.3	mg/cm ²
329	AR4458	1	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
330	AR4458	1	2	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.08	mg/cm ²
331	AR4458	1	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.6	mg/cm ²
332	AR4458	1	2	WEST	WALL	CONCRETE	YELLOW	INTACT	Negative	0.08	mg/cm ²
333	AR4458	1	2	WEST	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
334	AR4458	1	2	NORTH	STALL	METAL	BLUE	INTACT	Negative	0.11	mg/cm ²
335	AR4458	1	2		FLOOR	CERAMIC	GRAY	INTACT	Negative	0.01	mg/cm ²
336	AR4458	1	3		FLOOR	VINYL	TAN	INTACT	Negative	0	mg/cm ²
337	AR4458	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
338	AR4458	1	3	WEST	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
339	AR4458	1	3	NORTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.15	mg/cm ²
340	AR4458	1	3	WEST	RADIATOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
341	AR4458	1	3	WEST	WALL PANEL	CONCRETE	BROWN	INTACT	Negative	0.7	mg/cm ²
342	AR4458	1	3	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.7	mg/cm ²
343	AR4458	1	3	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
344	AR4458	1	4	WEST	WINDOW FRAME	WOOD	WHITE	INTACT	Negative	0.04	mg/cm ²
345	AR4458	1	4	WEST	CABINET	WOOD	WHITE	INTACT	Negative	0.02	mg/cm ²
346	AR4458	1	5	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
347	AR4458	1	5	EAST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	4.5	mg/cm ²
348	AR4458	1	5	EAST	DOOR	METAL	BROWN	DETERIORATED	Negative	0.04	mg/cm ²
349	AR4458	1	5	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4458
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
350	AR4458	1	5	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
351	AR4458	1	5	WEST	WINDOW FRAME	METAL	WHITE	DETERIORATED	Positive	2.9	mg/cm ²
352	AR4458	1	5	EAST	UPPER WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
353	AR4458	1	5		CEILING	METAL	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
354	AR4458	1	5		BEAM	METAL	WHITE	DETERIORATED	Negative	0.07	mg/cm ²
356	AR4458	1	5	EAST	WINDOW	METAL	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
357	AR4458	1	5	EAST	WINDOW SILL	CONCRETE	BROWN	DETERIORATED	Negative	0	mg/cm ²
358	AR4458	1	6	EAST	WINDOW SILL	CONCRETE	BROWN	DETERIORATED	Negative	0.7	mg/cm ²
359	AR4458	1	6	EAST	WINDOW	METAL	BROWN	DETERIORATED	Negative	0.16	mg/cm ²
360	AR4458	1	6	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
361	AR4458	1	6		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
362	AR4458	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
363	AR4458	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
364	AR4458	1	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.2	mg/cm ²
365	AR4458	1	7	SOUTH	BASEBOARD	CERAMIC	WHITE	INTACT	Negative	0.16	mg/cm ²
366	AR4458	1	7	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
367	AR4458	1	7	SOUTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
368	AR4458	1	7	WEST	WALL PANEL	CONCRETE	BROWN	DETERIORATED	Negative	0.7	mg/cm ²
369	AR4458	1	7	WEST	RADIATOR	METAL	BROWN	DETERIORATED	Negative	0.1	mg/cm ²
370	AR4458	1	8	WEST	DOOR	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
371	AR4458	1	8	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
372	AR4458	1	8	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	3.5	mg/cm ²
373	AR4458	1	8	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
374	AR4458	1	8	SOUTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.27	mg/cm ²
375	AR4458	1	8	EAST	WINDOW	METAL	WHITE	INTACT	Negative	0.04	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4458
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
376	AR4458	1	8		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
377	AR4458	1	9	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
378	AR4458	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
379	AR4458	1	9	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
380	AR4458	1	9	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	7.6	mg/cm ²
381	AR4458	1	9	EAST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	6.1	mg/cm ²
382	AR4458	1	9	EAST	DOOR	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
383	AR4458	1	9	WEST	WINDOW FRAME	METAL	BROWN	DETERIORATED	Positive	4.2	mg/cm ²
384	AR4458	1	9	EAST	WINDOW FRAME	METAL	GRAY	DETERIORATED	Negative	0.02	mg/cm ²
385	AR4458	1	9	EAST	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
386	AR4458	1	9	EAST	RADIATOR	METAL	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
387	AR4458	1	10	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
388	AR4458	1	10	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.9	mg/cm ²
389	AR4458	1	10	NORTH	WALL	CONCRETE	YELLOW	INTACT	Negative	0.06	mg/cm ²
390	AR4458	1	10	NORTH	WALL	CONCRETE	GRAY	INTACT	Negative	0	mg/cm ²
391	AR4458	1	10	SOUTH	STALL	METAL	BLUE	INTACT	Negative	0.17	mg/cm ²
392	AR4458	1	10		FLOOR	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
393	AR4458	1	11	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
394	AR4458	1	11	WEST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.06	mg/cm ²
395	AR4458	1	11	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
396	AR4458	1	11	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.3	mg/cm ²
397	AR4458	1	12	EAST	DOOR FRAME	METAL	BLUE, LIGHT	INTACT	Positive	3	mg/cm ²
398	AR4458	1	12	EAST	DOOR	METAL	BLUE, LIGHT	DETERIORATED	Negative	0.09	mg/cm ²
399	AR4458	1	12	EAST	WALL	CONCRETE	BLUE, LIGHT	DETERIORATED	Negative	0	mg/cm ²
400	AR4458	1	12	EAST	UPPER WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
AR4458
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
401	AR4458	1	12		CEILING	METAL	WHITE	DETERIORATED	Negative	0.19	mg/cm ²
403	AR4458	1	12		BEAM	METAL	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
404	AR4458	1	13		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
405	AR4458	1	14	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
406	AR4458	1	14	EAST	WALL	CONCRETE	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
407	AR4458	1	14	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
408	AR4458	1	14	SOUTH	WALL PANEL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
409	AR4458	1	14	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	5.4	mg/cm ²
410	AR4458	1	14	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
411	AR4458	1	14	WEST	WINDOW FRAME	METAL	BROWN	INTACT	Positive	2.6	mg/cm ²
412	AR4458	1	14	EAST	WINDOW FRAME	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
413	AR4458	1	14	EAST	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
414	AR4458	1	15		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
415	AR4458	1	16	NORTH	WALL	CONCRETE	GRAY	INTACT	Negative	0.07	mg/cm ²
416	AR4458	1	16	NORTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.06	mg/cm ²
417	AR4458	1	16	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
418	AR4458	1	16	SOUTH	WALL	PLASTER	WHITE	INTACT	Negative	0.07	mg/cm ²
419	AR4458	1	16	WEST	WALL PANEL	CONCRETE	BROWN	INTACT	Negative	0.7	mg/cm ²
420	AR4458	1	16	NORTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.14	mg/cm ²
421	AR4458	1	16	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.8	mg/cm ²
422	AR4458	1	16	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
423					CALIBRATE				Positive	1.1	mg/cm ²
424					CALIBRATE				Positive	1.1	mg/cm ²
425					CALIBRATE				Positive	1.2	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

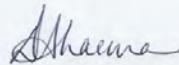
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71501-1
Client Project/Site: Building AR4458

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:26:22 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Job ID: 720-71501-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71501-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: AR4458-PCBB01 (720-71501-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: AR4458-PCBB01 (720-71501-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Client Sample ID: AR4458-PCBB01

Lab Sample ID: 720-71501-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	440000000		270000000		ug/Kg	20000		8082	Total/NA

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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Client Sample ID: AR4458-PCBB01

Lab Sample ID: 720-71501-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1221	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1232	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1242	440000000		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1248	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1254	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000
PCB-1260	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:02	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/23/16 13:16	04/25/16 18:02	20000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/23/16 13:16	04/25/16 18:02	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71501-1	AR4458-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71501-1	AR4458-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032

Analysis Batch: 201050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71501-1	AR4458-PCBB01	Total/NA	Solid	8082	201032

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Client Sample ID: AR4458-PCBB01

Lab Sample ID: 720-71501-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201050	04/25/16 18:02	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building AR4458

TestAmerica Job ID: 720-71501-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71501-1	AR4458-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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TestAmerica Pleasanton
1220 Quarry Lane

Chain of Custody Record

720-71501

167891

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact
Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8860
888-296-0271
FAX
FORA

Project Manager: Chris Burns

Site Contact:

Date:

COC No.:

Analysis Turnaround Time

Tell/Fax:

Lab Contact:

Carrier:

Sampler:
For Lab Use Only:
Walk-In Client:
Lab Sampling:
Job / SDG No.:

CALENDAR DAYS WORKING DAYS
TAT if different from Below _____
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (G-Comp, Genral)	Matrix	# of Cont.
AK458-PCB01	4/20/16	1100 G		Solid	1

Filtered Sample (Y / N)	Perform MS / MSD (Y / N)
	8082 (3550 B or C)

Sample Identification	Sample Date	Sample Time	Sample Type (G-Comp, Genral)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)
AK458-PCB01	4/20/16	1100 G		Solid	1	X	8082 (3550 B or C)



720-71501 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other _____
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposed by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please email report to christburns@vista-env.com & mollie@vista-env.com
Custody Seal Intact: Yes No
Relinquished by: *[Signature]*
Relinquished by: *[Signature]*
Relinquished by: *[Signature]*

Company	Date/Time	Received by	Received In Laboratory by:	Company	Date/Time
VISTA	04/16/16 0900	<i>[Signature]</i>	<i>[Signature]</i>	VISTA	04/12/16 0700
VISTA	04/16/16 1350	<i>[Signature]</i>	<i>[Signature]</i>	VISTA	4/12/16 1350

Color Temp. (°C): Obs'd: _____
Therm ID No.: _____
COC No. _____ of _____ COCs
Sample Specific Notes:

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71501-1

Login Number: 71501
List Number: 1
Creator: Arauz, Dennis

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is < /= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is < 6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-01	30736300	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	2300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	57	mg/kg	5	EPA 3050B/6010B
		Cr	70	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	22	mg/kg	2	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	390	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	12	mg/kg	8	EPA 3050B/6010B
		Zn	1400	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171131
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-02	30736301	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8800	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	89	mg/kg	6	EPA 3050B/6010B
		Cr	1300	mg/kg	30	EPA 3050B/6010B
		Cu	21	mg/kg	8	EPA 3050B/6010B
		Hg	11	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	6900	mg/kg	70	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	5400	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171603
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/27/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737910	Pb	40	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737911	Pb	130	mg/l	20	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171602
Date Received: 04/28/16
Date Analyzed: 05/04/16
Date Printed: 05/04/16
First Reported: 05/04/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
T22-01	30737908	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						
T22-02	30737909	Pb	4.5	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-03	30736302	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M170989
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30736303	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	6	mg/kg	2	EPA 3050B/6010B
		Cr	32	mg/kg	2	EPA 3050B/6010B
		Cu	10	mg/kg	3	EPA 3050B/6010B
		Hg	2.2	mg/kg	0.3	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	8	mg/kg	3	EPA 3050B/6010B
		Pb	170	mg/kg	3	EPA 3050B/6010B
		Sb	66	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	15	mg/kg	2	EPA 3050B/6010B
		Zn	1300	mg/kg	50	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171382
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737287	Pb	6.3	mg/l	0.7	CWET/EPA 7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171383
Date Received: 04/25/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001 - FORA, AD/AR
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
AD/AR-T22-04	30737288	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

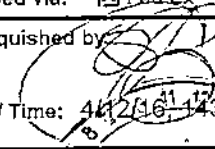
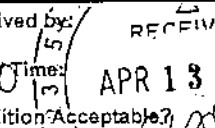
Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001 Date: <u>4/12/16</u> Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: <u>5 Day</u> Due Date: <u>4/20/16</u> Due Time: <u>EOD</u> <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000 <input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project: <input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271 Site: FORA Job: AD/AR	
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com <u>Hold for possible TCLP/STLC</u>	

Sample ID	Date/ Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
AD/AR - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
AD/AR - T22-04	4/12/16 1400	83 % CMU, 8% Unpainted Wood, 5% Roofing, 2% Wallboard/Plaster, 1 %	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		Unpainted Wood (90 by wt)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: <u>Chris Burns</u> Date: <u>4/12/16</u> Time: <u>1400</u>		
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished by:  Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by:  Date / Time: <u>APR 13 2015 1130</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING CF4453



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING CF4453

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
D	Vinyl Floor Tile/Mastic/Vinyl Floor Tile/Float/Mastic	9" Maroon/Black/Black/White/Black	North East Storage Rooms and Office	Class II	Category I - Non-Friable	450 SF
G	Heat Shield	Gray, Light	Foyers to Locker Rooms and North East Foyer	Class II	Friable (RACM when Removed)	3 SF (3 Each)
I	Sealant	Gray, Pipe	Walk in Freezer and Adjacent North Compressor Room	Class II	Category I - Non-Friable	2 SF
J	Vinyl Floor Tile/Mastic	9" Beige/Black	Dining Room	Class II	Category I - Non-Friable	4,200 SF
O	Insulation	White, Tank	Mechanical Room	Class I	Friable (RACM when Removed)	310 SF
P	Cement Pipe	21" OD, Gray	Mechanical Room	Class II	Category II-Non-Friable	12 LF
Q	Packing	White, HVAC	Mechanical Room Around Duct Wall Penetration	Class II	Friable (RACM when Removed)	2 SF (20 LF)
S	Sealant	Gray, Panel	Window Panels	Class II	Category I - Non-Friable	600 SF (Panels)
T	Cement Panel	Gray, Window	Window Panels Inside Metal	Class II	Category II-Non-Friable	600 SF
EE	Gasket	Black, Light	Kitchen and Dining Room Service areas Inside Exhaust Hoods	Class II	Category I - Non-Friable	25 SF (25 Each)
HH	Insulator	Black, Electrical Box	Mechanical Room Inside Electrical Boxes	Class II	Category II-Non-Friable	10 SF (20 Each)
JJ	Panel	White, Boiler	Mechanical Room Inside Boiler	Class I	Friable (RACM when Removed)	15 SF

BUILDING CF4453 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
MM	Mastic	Gray & Black, Roof	Roof - Penetrations, Patches and Seams	Class II	Category I - Non-Friable	125 SF
OO	Insulator Paper	Tan, Electrical Box	North Compressor Room	Class II	Category II - Non-Friable	2 SF

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
5	1	Outside	East	Hand Rail	Metal	White	Deteriorated	1.6	mg/cm ²
6	1	Outside	North	Wall	Concrete	Blue, Light	Deteriorated	5.6	mg/cm ²
7	1	Outside	West	Wall	Concrete	White	Deteriorated	4.8	mg/cm ²
8	1	Outside	West	Column	Metal	Pink	Deteriorated	2.5	mg/cm ²
9	1	Outside	South	Wall Panel	Concrete	Blue	Deteriorated	2.4	mg/cm ²
10	1	Outside	West	Bumper	Wood	Yellow	Deteriorated	2.1	mg/cm ²
12	1	Outside	West	Door Frame	Metal	Beige	Deteriorated	3	mg/cm ²
19	1	Outside	North	Door Frame	Metal	Beige	Deteriorated	2.2	mg/cm ²
25	1	Outside	East	Stairs	Concrete	Black	Deteriorated	3.3	mg/cm ²
26	1	Outside	East	Floor	Concrete	Yellow	Deteriorated	2.8	mg/cm ²
10	1	2	West	Door Frame	Metal	White	Deteriorated	2	mg/cm ²
16	1	3	West	Window Frame	Metal	White	Deteriorated	6	mg/cm ²
20	1	3	South	Door Frame	Metal	White	Deteriorated	3.2	mg/cm ²
24	1	4	North	Window	Metal	Blue	Deteriorated	2.2	mg/cm ²
27	1	5	South	Door Frame	Metal	Black	Intact	2.2	mg/cm ²
34	1	6	West	Door Frame	Metal	White	Intact	2.2	mg/cm ²
40	1	7	North	Door Frame	Metal	White	Intact	1.9	mg/cm ²
50	1	8	South	Wall Panel	Metal	Brown	Deteriorated	1.3	mg/cm ²
54	1	8	North	Radiator	Metal	Brown	Intact	2.5	mg/cm ²
59	1	8	North	Door Frame	Metal	Blue	Deteriorated	1.5	mg/cm ²
72	1	9	West	Wall Panel	Metal	Yellow	Intact	3.3	mg/cm ²
77	1	10	North	Door Frame	Metal	Blue	Intact	3.1	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

BUILDING CF4453

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
CF-T22-01 Interior Paint (TTLC)	1300	NA	170	19	3.7	NA	210	NA	540	mg/kg
(STLC)							3.7			mg/l
(TCLP)							<0.3			mg/l
CF-T22-02 Exterior Paint (TTLC)	5000	80	55	41	6.2	NA	520	44	7400	mg/kg
(STLC)							10			mg/l
(TCLP)							<0.3			mg/l
CF-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	10	NA	NA	NA	NA	NA	NA	2	NA	mg/kg
CF-T22-04 Other (TTLC)	80	11	22	15	6.5	4	57	6	820	mg/kg
(STLC)							<0.7			mg/l
(TCLP)							<0.3			mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	212
Other Non-Incandescent Lamps	Universal Waste	7
Thermostat Triggers	Universal Waste	3
Light Fixture Ballasts	Polychlorinated Biphenyls	110
Walk-in Refrigerator	Ozone Depleting Chemicals	2
Fire Suppression System	Chemicals - Halon	2

BUILDING CF4453

HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
CF4453-PCBB01	Ballast Capacitor Oil	PCB-1242	1,200,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.




BUILDING CF4453 ASBESTOS SAMPLING INVENTORY

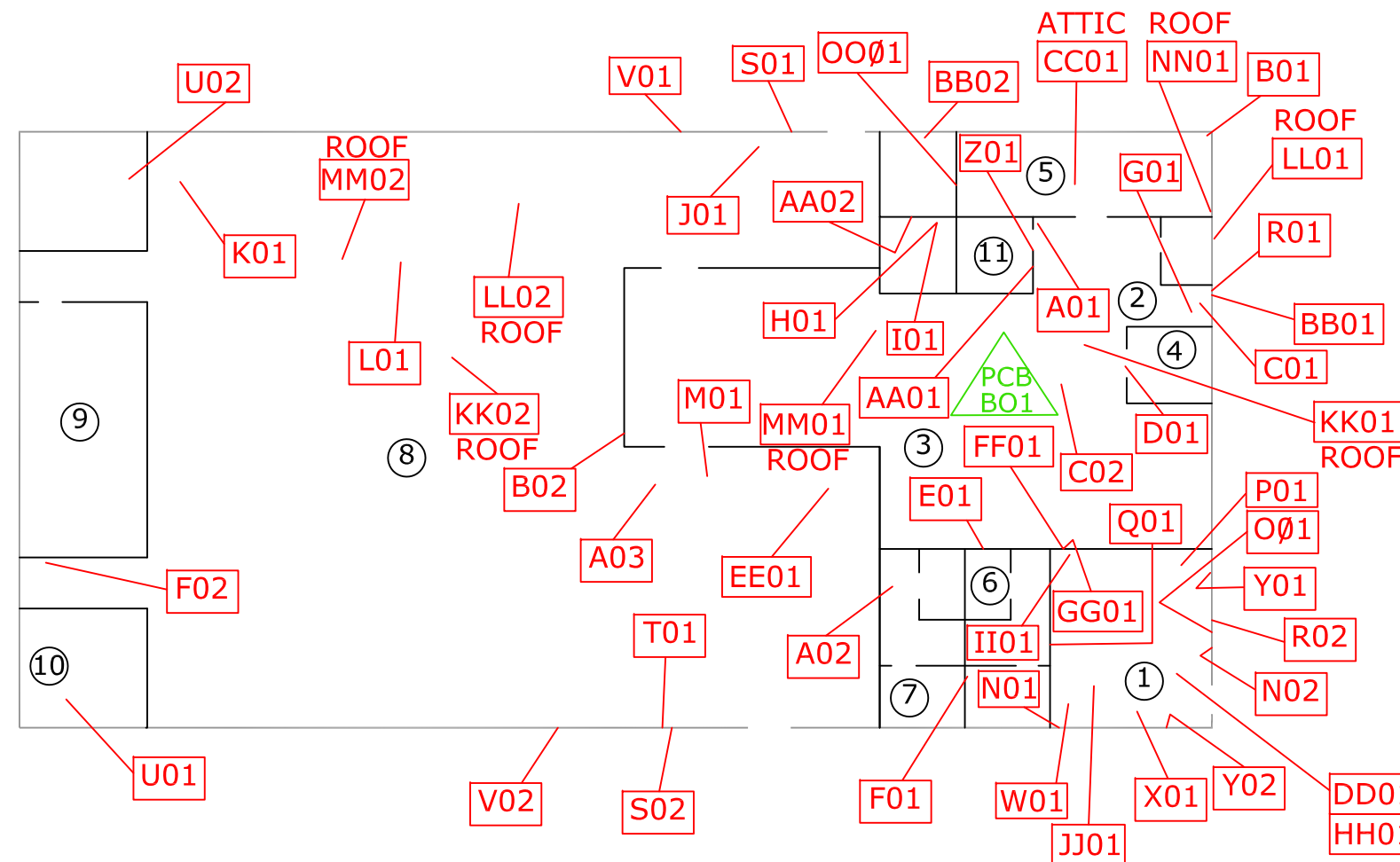
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Plaster	White/White	3
B	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
C	Mortar/Grout	Gray/Brown, 4" Quarry Tile Floor	2
D	Vinyl Floor Tile/Mastic/Vinyl Floor Tile/Float/Mastic	9" Maroon/Black/Black/White/Black	1
E	Mortar/Grout	Gray/Brown, 1" Ceramic Floor	1
F	Wallboard/Joint Compound	White/White	2
G	Heat Shield	Gray, Light	1
H	Wrap	Black, Pipe	1
I	Sealant	Gray, Pipe	1
J	Vinyl Floor Tile/Mastic	9" Beige/Black	1
K	Acoustic Ceiling Panel	2'x4' White, Pinhole Gouge	1
L	Acoustic Ceiling Panel	2'x4' White, Fiberglass	1
M	Sealant	White, Exhaust Duct	1
N	Jacketing/Mastic	White/Black & Yellow, Pipe	2
O	Insulation	White, Tank	1
P	Cement Pipe	21" OD, Gray	1
Q	Packing	White, HVAC	1
R	Sealant	Gray, Louver, Door Frame and Window Frame	2
S	Sealant	Gray, Panel	2
T	Cement Panel	Gray, Window	1
U	Paint/Stucco/Vapor Paper	Beige/Gray/Black, Exterior Overhangs	2
V	Glazing	White, Aluminum Window	2

BUILDING CF4453

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Gasket	Black, Boiler	1
X	Brick	Brown, Boiler	1
Y	Jacketing/Mastic	White/Black & Yellow, Valve & Elbow	2
Z	Sealant	White, Cooler	1
AA	Paint/Plaster	White/Gray, Cooler and Freezer	2
BB	Concrete	Gray, Foundation	2
CC	Flex Connector	Black, HVAC	1
DD	Insulator Paper	Gray, Electrical Box	1
EE	Gasket	Black, Light	1
FF	Insulator	Gray, Electrical Box	1
GG	Insulation Paper	Beige, Electrical Box	1
HH	Insulator	Black, Electrical Box	1
II	Plaster	Gray, Light Weight	1
JJ	Panel	White, Boiler	1
KK	Roof Field	Black & Black, Tar & Gravel	2
LL	Parapet/Base	Gray & Black, Built-Up	2
MM	Mastic	Gray & Black, Roof	2
NN	Flashing	Black & Black, Tar and Gravel	1
OO	Insulator Paper	Tan, Electrical Box	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



SHEET TITLE

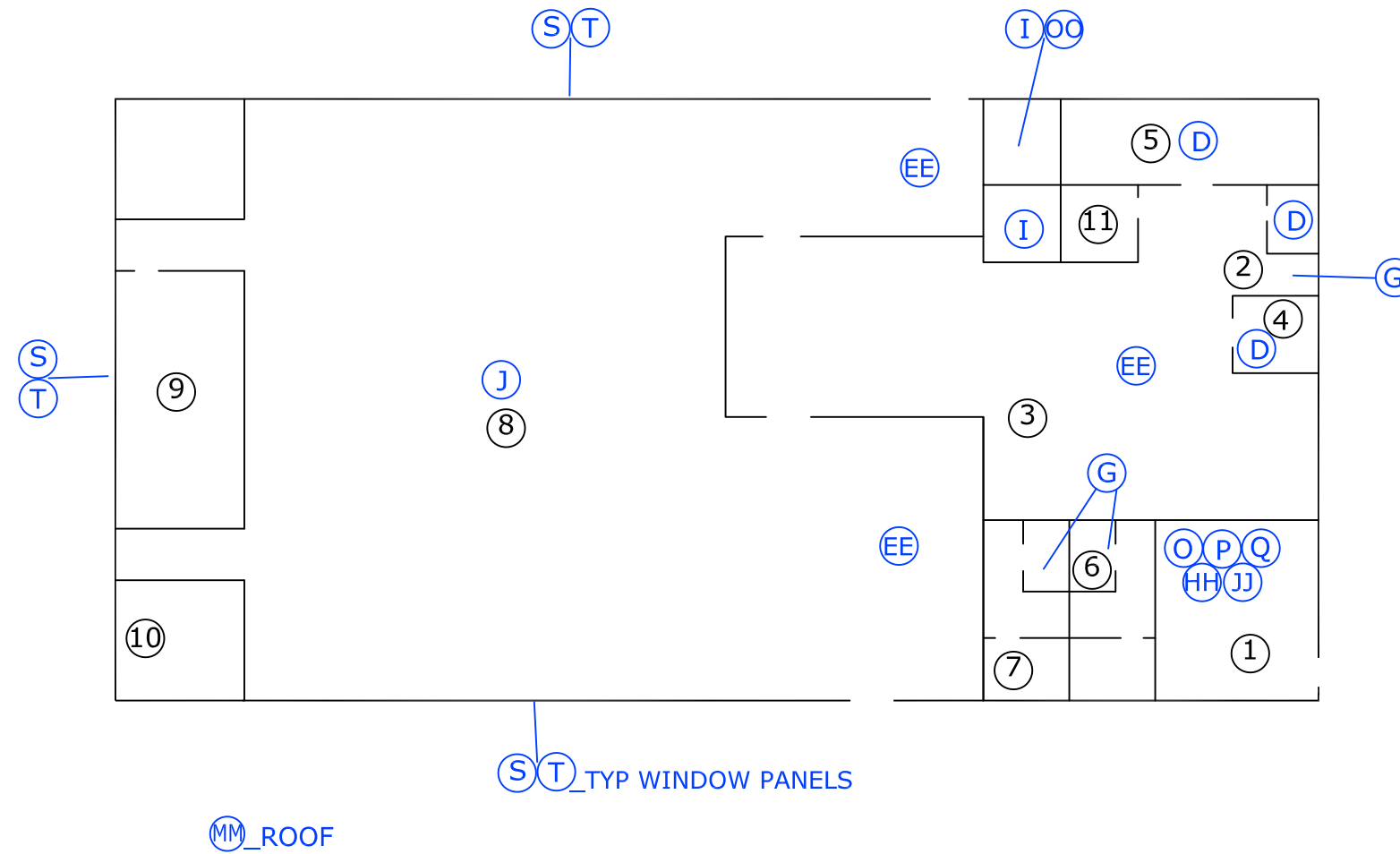
BUILDING CF4453
 SAMPLE LOCATIONS

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

CF4453

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE

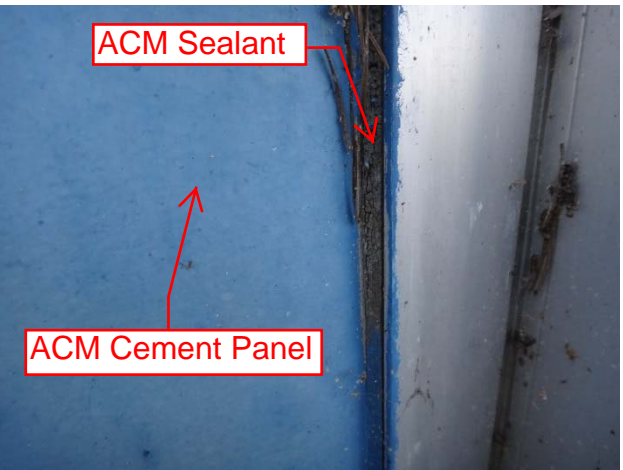
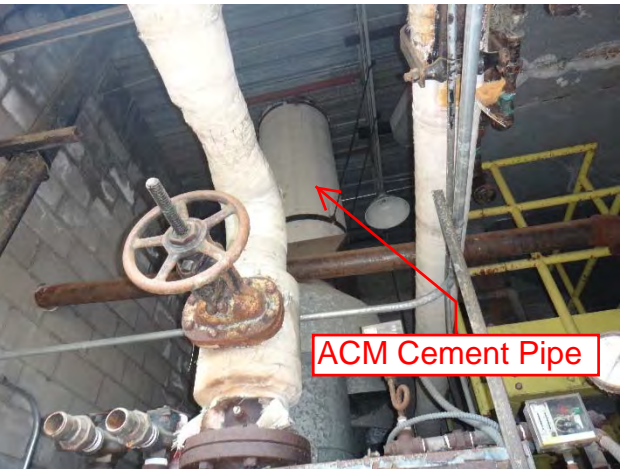
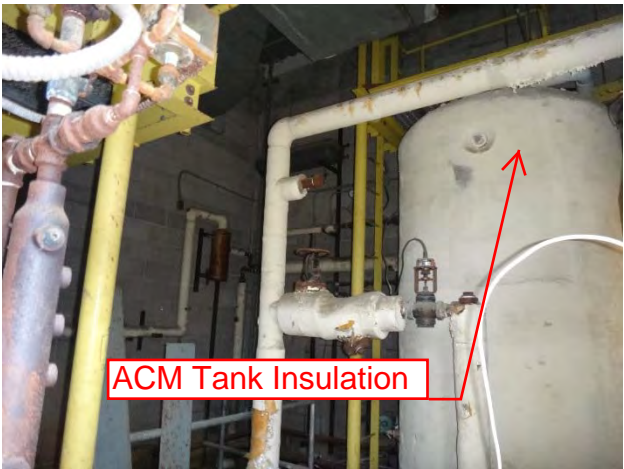
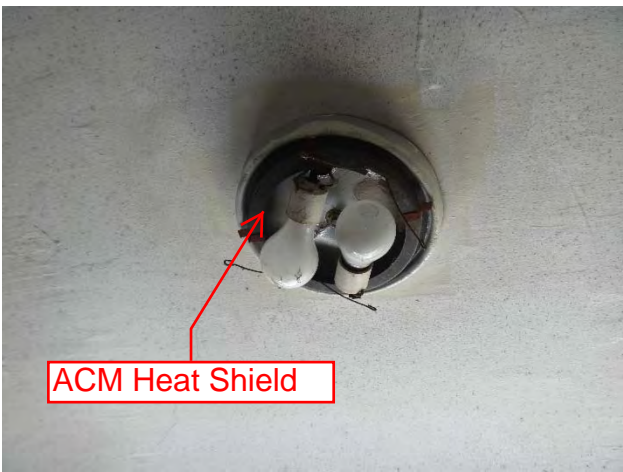
BUILDING CF4453
 MATERIAL LOCATIONS

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

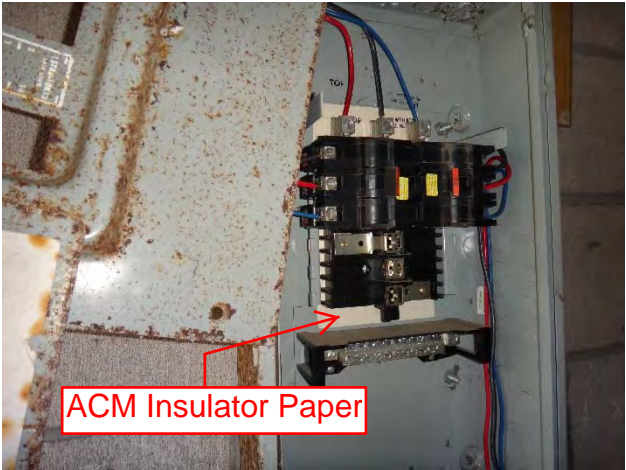
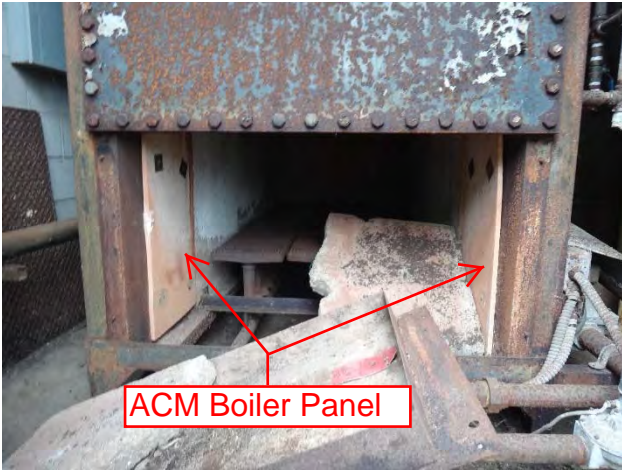
FIGURE

CF4453

BUILDING CF4453
PHOTO DOCUMENTATION



BUILDING CF4453
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B216919
Date Received: 02/19/16
Date Analyzed: 02/22/16
Date Printed: 02/22/16
First Reported: 02/22/16

Job ID/Site: 161091001 - FORA, CF4453

FALI Job ID: L1161
Total Samples Submitted: 56
Total Samples Analyzed: 56

Date(s) Collected: 02/16/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-A-01	11732660						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-A-02	11732661						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-A-03	11732662						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-B-01	11732663						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-B-02	11732664						
Layer: Tan Mortar			ND				
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-C-01	11732665						
Layer: Grey Mortar			ND				
Layer: Brown Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216919

Date Printed: 02/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-C-02	11732666						
Layer: Grey Mortar			ND				
Layer: Brown Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-D-01	11732667						
Layer: Red-Brown Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Layer: Black Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
Comment: Bulk complex sample.							
CF4453-E-01	11732668						
Layer: Grey Mortar			ND				
Layer: Brown Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-F-01	11732669						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
CF4453-F-02	11732670						
Layer: Tan Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
CF4453-G-01	11732671						
Layer: White Fibrous Material		Chrysotile	80 %				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (76%)					
Cellulose (10 %)							
CF4453-H-01	11732672						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B216919

Date Printed: 02/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-I-01	11732673						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
CF4453-J-01	11732674						
Layer: Brown Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
CF4453-K-01	11732675						
Layer: Off-White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
CF4453-L-01	11732676						
Layer: Yellow Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
CF4453-M-01	11732677						
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CF4453-N-01	11732678						
Layer: White Woven Material			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (5 %)							
CF4453-N-02	11732679						
Layer: White Woven Material			ND				
Layer: Black Tar			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (5 %)							
CF4453-O-01	11732680						
Layer: White Semi-Fibrous Material		Chrysotile	3 %				
Layer: Light Grey Semi-Fibrous Material		Chrysotile	3 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace) Fibrous Glass (30 %)							
CF4453-P-01	11732681						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %	Crocidolite	3 %		
Total Composite Values of Fibrous Components:		Asbestos (18%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216919

Date Printed: 02/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-Q-01	11732682						
Layer: White Fibrous Material		Chrysotile	60 %				
Total Composite Values of Fibrous Components: Synthetic (40 %)		Asbestos (60%)					
CF4453-R-01	11732683						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-R-02	11732684						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-S-01	11732685						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					
CF4453-S-02	11732686						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					
CF4453-T-01	11732687						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					
CF4453-U-01	11732688						
Layer: Tan Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (5 %)		Asbestos (ND)					
CF4453-U-02	11732689						
Layer: Tan Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (5 %)		Asbestos (ND)					
CF4453-V-01	11732690						
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B216919

Date Printed: 02/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-V-02	11732691						
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-W-01	11732692						
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-X-01	11732693						
Layer: Brown Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-Y-01	11732694						
Layer: White Woven Material			ND				
Layer: Yellow Fibrous Material			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (10 %) Fibrous Glass (75 %)		Asbestos (ND)					
CF4453-Y-02	11732695						
Layer: White Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (10 %) Fibrous Glass (75 %)		Asbestos (ND)					
CF4453-Z-01	11732696						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-AA-01	11732697						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-AA-02	11732698						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-BB-01	11732699						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B216919

Date Printed: 02/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-BB-02	11732700						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-CC-02	11732701						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (70 %)		Asbestos (ND)					
CF4453-DD-01	11732702						
Layer: Dark Green Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (10 %) Synthetic (80 %)		Asbestos (ND)					
CF4453-EE-01	11732703						
Layer: Black Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (20%)					
CF4453-FF-01	11732704						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-GG-01	11732705						
Layer: Black Non-Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (50 %)		Asbestos (ND)					
CF4453-HH-01	11732706						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					
CF4453-II-01	11732707						
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
CF4453-JJ-01	11732708						
Layer: White Semi-Fibrous Material		Chrysotile	20 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (19%)					

Client Name: Vista Environmental Consultants

Report Number: B216919

Date Printed: 02/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-KK-01	11732709						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: Bulk complex sample.							
CF4453-KK-02	11732710						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: Bulk complex sample.							
CF4453-LL-01	11732711						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: Bulk complex sample.							
CF4453-LL-02	11732712						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B216919

Date Printed: 02/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-MM-01	11732713						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
CF4453-MM-02	11732714						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
CF4453-NN-1	11732715						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (30 %)							
Comment: Bulk complex sample.							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/16/16

LOCATION: CF4453

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
CF4453	A	01	PAINT/PLASTER	WHITE/WHITE, CEILING'S		
CF4453	A	02				
CF4453	A	03				
CF4453	B	01	PAINT/GRUNT	WHITE/GRAY/GRAY		
CF4453	B	02				
CF4453	C	01	MORTAR/GRUNT	GRAY/BROWN, 4" QUARRY FLOOR		
CF4453	C	02				
CF4453	D	01	VFT/MS/VFT/PLANK/MS	9" MAROON/BLACK/BLACK/WHITE/BLACK		
CF4453	E	01	MORTAR/GRUNT	GRAY/BROWN, CERAMIC FLOOR		
CF4453	F	01	WB/JC	WHITE/WHITE, w/c		

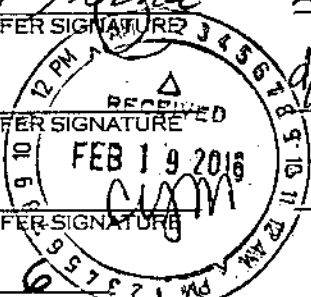
ANALYTICAL METHOD: PLM ~~400 FT COLLECT~~ TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

- [Signature] TRANSFER SIGNATURE LOUIS J. ROCHA PRINTED NAME 02/17/16 DATE/TIME
- _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
- _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 02/16/16

LOCATION: CF4453

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224


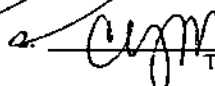
BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
CF4453	F	02	↓	↓		
CF4453	G	01	HEAT SHIELD	GRAY, LIGHTS		
CF4453	H	01	WRAP	BLACK, PIPE (COOLER)		
CF4453	I	01	SEALANT	GRAY, PIPE (COOLER)		
CF4453	J	01	VFT/MAS	9" BEKE/BLACK		
CF4453	K	01	ACP	2'x9' WHITE, DIRT HOLE / DUCT		
CF4453	L	01	ACP	2'x9' WHITE, FIBERGLASS		
CF4453	M	01	SEALANT	WHITE, EXHAUST DUCT		
CF4453	N	01	ENKETING/MAS	WHITE/YELLOW & BLACK, PIPES		
CF4453	N	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 FT-CENT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.  LUIS J. ROCHA 02/17/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
RECEIVED
2.  _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
3. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME



VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/16/16

LOCATION: CF4453

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

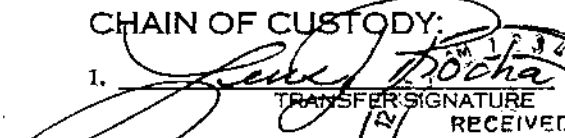
BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
CF4453	O	01	INSULATION	WHITE, TANK		
CF4453	P	01	CEMENT PIPE	GRAY 30"OD EXHAUST		
CF4453	Q	01	PACKING	WHITE, HVAC WALL		
CF4453	R	01	SEALANT	GRAY, LOUVER, DOOR FRAME & WINDOW FRAMES		
CF4453	R	02	↓	↓		
CF4453	S	01	SEALANT	GRAY, PANEL "STOREFRONT"		
CF4453	S	02	↓	↓		
CF4453	T	01	CEMENT PANEL	GRAY, WINDOWS		
CF4453	U	01	PAINT/STUCCO/VAPOR BARRIER	BEIGE/GRAY/BEIGE, CEILING		
CF4453	U	02	↓	↓		

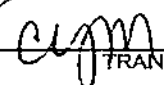
ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

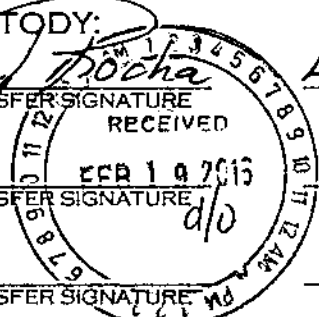
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.  LUIS J. ROCHA 02/17/16
 TRANSFER SIGNATURE RECEIVED PRINTED NAME DATE/TIME

2.  d/o _____
 TRANSFER SIGNATURE PRINTED NAME DATE/TIME

3. _____
 TRANSFER SIGNATURE PRINTED NAME DATE/TIME





VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

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SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/16/16

LOCATION: CF4453

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
CF4453	V	01	GLAZING	WHITE, ALUMINUM WINDOW		
CF4453	V	02	↓	↓		
CF4453	W	01	GASKET	BLACK, BOILER		
CF4453	X	01	BRICK	BROWN, BUILER		
CF4453	Y	01	JACKETING/HAS	WHITE/BLACK & YELLOW, VALVES & ELBOWS		
CF4453	[Y]	[02]	↓	↓		
CF4453	[Z]	[01]	SEPLANT	WHITE, COOLER		
CF4453	[AA]	[01]	PAINT/PLASTER	WHITE/GRAY, COOLER		
CF4453	[AA]	[02]	↓	↓		
CF4453	BB	[01]	CONCRETE	GRAY, FOUNDATION		

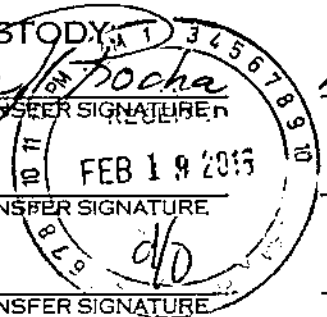
ANALYTICAL METHOD: PLM ~~400 FT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY

1.		<u>LUIS J. ROCHA</u>	<u>02/17/16</u>
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
2.		_____	_____
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
3.	_____	_____	_____
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/16/16

LOCATION: CF4453

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
CF4453	BB	02				
CF4453	CC	01	FLEX CONNECTOR	BLACK, HVAC		
CF4453	DD	01	INSULATOR PAPER	GRAY, ELEC. BOX		
CF4453	EE	01	GASKET	BLACK, LIGHT		
CF4453	FF	01	INSULATOR	GRAY, ELEC. BOX		
CF4453	GG	01	INSULATION PAPER	BLISE, ELEC. BOX		
CF4453	HH	01	INSULATOR	BLACK, ELEC. BOX		
CF4453	II	01	PLASTER	GRAY, LIGHT WEIGHT		
CF4453	JJ	01	PANEL	WHITE, BOILER		
CF4453	KK	01	ROOF FELD	BLACK & BLACK, T&G		

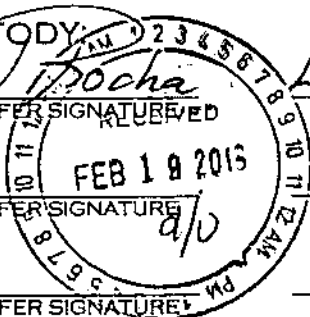
ANALYTICAL METHOD: PLM ~~406 PLM~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE RECEIVED LUIS J. ROCHA PRINTED NAME 02/17/16 DATE/TIME
2. [Signature] TRANSFER SIGNATURE a/o PRINTED NAME _____ DATE/TIME _____
3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME _____





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 02/16/16

LOCATION: CF4453

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
CF4453	KK	02	↓	↓		
CF4453	LL	01	PARAPET/BASE	GRY & BLACK, BUILT UP		
CF4453	LL	02	↓	↓		
CF4453	MM	01	MASTIC	GRY & BLACK, PIPE PENETRATOR & SEALS		
CF4453	MM	02	↓	↓	↓	
CF4453	NN	01	FLASHING	BLACK & BLACK, T & G		
56 SAMPLES						

ANALYTICAL METHOD: PLM ~~400 FT POINT~~ TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. [Signature] LUIS J. ROCHA 02/17/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
RECEIVED
FEB 19 2016
2. [Signature] _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
3. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B219258
Date Received: 04/06/16
Date Analyzed: 04/07/16
Date Printed: 04/07/16
First Reported: 04/07/16

Job ID/Site: 161091001 - FORA, CF4453

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 03/31/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
CF4453-0001	11750789						
Layer: Beige Semi-Fibrous Material		Chrysotile	15 %				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
Cellulose (5 %)	Synthetic (5 %)						

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/31/16

LOCATION: CF4453

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
CF4453	00	01	INSULATOR PAPER	BETGE, ^{W/RET} BOX		
<i>ONE SAMPLE</i>						

ANALYTICAL METHOD: PLM ~~400PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. *Luis Rocha*
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

2. *[Signature]*
TRANSFER SIGNATURE

C. Hollister
PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME



**FORA
CF4453
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1										7.98	
2				CALIBRATE					Positive	1	mg/cm ²
3				CALIBRATE					Positive	1	mg/cm ²
4				CALIBRATE					Positive	1.2	mg/cm ²
5	CF4453	1	OUTSIDE	EAST	HAND RAIL	METAL	WHITE	DETERIORATED	Positive	1.6	mg/cm ²
6	CF4453	1	OUTSIDE	NORTH	WALL	CONCRETE	BLUE, LIGHT	DETERIORATED	Positive	5.6	mg/cm ²
7	CF4453	1	OUTSIDE	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Positive	4.8	mg/cm ²
8	CF4453	1	OUTSIDE	WEST	COLUMN	METAL	PINK	DETERIORATED	Positive	2.5	mg/cm ²
9	CF4453	1	OUTSIDE	SOUTH	WALL PANEL	CONCRETE	BLUE	DETERIORATED	Positive	2.4	mg/cm ²
10	CF4453	1	OUTSIDE	WEST	BUMPER	WOOD	YELLOW	DETERIORATED	Positive	2.1	mg/cm ²
11	CF4453	1	OUTSIDE	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
12	CF4453	1	OUTSIDE	WEST	DOOR FRAME	METAL	BEIGE	DETERIORATED	Positive	3	mg/cm ²
13	CF4453	1	OUTSIDE	WEST	DOOR	METAL	BEIGE	DETERIORATED	Negative	0.2	mg/cm ²
14	CF4453	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
15	CF4453	1	OUTSIDE	NORTH	FOUNDATION	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
16	CF4453	1	OUTSIDE	NORTH	STAIRS	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
17	CF4453	1	OUTSIDE	NORTH	WALL PANEL	CONCRETE	BLUE	INTACT	Negative	0.4	mg/cm ²
18	CF4453	1	OUTSIDE	NORTH	DOOR	METAL	BEIGE	DETERIORATED	Negative	0.03	mg/cm ²
19	CF4453	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BEIGE	DETERIORATED	Positive	2.2	mg/cm ²
20	CF4453	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
21	CF4453	1	OUTSIDE	SOUTH	WALL PANEL	CONCRETE	BROWN	INTACT	Negative	0.3	mg/cm ²
22	CF4453	1	OUTSIDE	SOUTH	WALL	CONCRETE	BROWN	DETERIORATED	Negative	0	mg/cm ²
23	CF4453	1	OUTSIDE	SOUTH	WALL	CONCRETE	BLUE, LIGHT	DETERIORATED	Negative	0	mg/cm ²
24	CF4453	1	OUTSIDE	EAST	LOUVER	METAL	BLUE, LIGHT	DETERIORATED	Negative	0	mg/cm ²
25	CF4453	1	OUTSIDE	EAST	STAIRS	CONCRETE	BLACK	DETERIORATED	Positive	3.3	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
CF4453
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
26	CF4453	1	OUTSIDE	EAST	FLOOR	CONCRETE	YELLOW	DETERIORATED	Positive	2.8	mg/cm ²
27	CF4453	1	OUTSIDE	EAST	OVERHANG	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
28	CF4453	1	OUTSIDE	NORTH	OVERHANG	PLASTER	WHITE	DETERIORATED	Negative	0	mg/cm ²
29				CALIBRATE					Positive	1	mg/cm ²
30				CALIBRATE					Positive	1.1	mg/cm ²
31				CALIBRATE					Positive	1.2	mg/cm ²
1										6.63	mg/cm ²
2				CALIBRATE					Positive	1	mg/cm ²
3				CALIBRATE					Positive	1.1	mg/cm ²
4				CALIBRATE					Positive	1.1	mg/cm ²
5	CF4453	1	1	EAST	BOILER	METAL	WHITE	DETERIORATED	Negative	0.08	mg/cm ²
6	CF4453	1	1	EAST	COLUMN	METAL	YELLOW	DETERIORATED	Negative	0	mg/cm ²
7	CF4453	1	1	NORTH	BOILER	METAL	BLUE	INTACT	Negative	0.02	mg/cm ²
8	CF4453	1	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
9	CF4453	1	2	NORTH	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0.04	mg/cm ²
10	CF4453	1	2	WEST	DOOR FRAME	METAL	WHITE	DETERIORATED	Positive	2	mg/cm ²
11	CF4453	1	2	WEST	DOOR	METAL	WHITE	DETERIORATED	Negative	0.11	mg/cm ²
12	CF4453	1	2		FLOOR	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
13	CF4453	1	2		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
14	CF4453	1	3		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
15	CF4453	1	3	WEST	WALL	CERAMIC	WHITE	DETERIORATED	Negative	0.1	mg/cm ²
16	CF4453	1	3	WEST	WINDOW FRAME	METAL	WHITE	DETERIORATED	Positive	6	mg/cm ²
17	CF4453	1	3	EAST	DOOR	WOOD	WHITE	DETERIORATED	Negative	0.07	mg/cm ²
18	CF4453	1	3		FLOOR	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
19	CF4453	1	3	EAST	WALL	CERAMIC	TAN	INTACT	Negative	0.17	mg/cm ²

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**FORA
CF4453
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
20	CF4453	1	3	SOUTH	DOOR FRAME	METAL	WHITE	DETERIORATED	Positive	3.2	mg/cm ²
21	CF4453	1	3	NORTH	WALL	CERAMIC	WHITE	INTACT	Negative	0.08	mg/cm ²
22	CF4453	1	4	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.02	mg/cm ²
23	CF4453	1	4	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0.02	mg/cm ²
24	CF4453	1	4	NORTH	WINDOW	METAL	BLUE	DETERIORATED	Positive	2.2	mg/cm ²
25	CF4453	1	4	WEST	DOOR	WOOD	BLACK	INTACT	Negative	0.01	mg/cm ²
26	CF4453	1	5	SOUTH	DOOR	WOOD	BLACK	INTACT	Negative	0	mg/cm ²
27	CF4453	1	5	SOUTH	DOOR FRAME	METAL	BLACK	INTACT	Positive	2.2	mg/cm ²
28	CF4453	1	5		FLOOR	VINYL	BROWN	INTACT	Negative	0	mg/cm ²
29	CF4453	1	5		CEILING	PLASTER	WHITE	INTACT	Negative	0.12	mg/cm ²
30	CF4453	1	5	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.08	mg/cm ²
31	CF4453	1	5	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
32	CF4453	1	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
33	CF4453	1	6	WEST	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
34	CF4453	1	6	WEST	DOOR FRAME	METAL	WHITE	INTACT	Positive	2.2	mg/cm ²
35	CF4453	1	6	EAST	DOOR	WOOD	WHITE	INTACT	Negative	0.12	mg/cm ²
36	CF4453	1	6		FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
37	CF4453	1	6		CEILING	DRYWALL	WHITE	INTACT	Negative	0.06	mg/cm ²
38	CF4453	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
39	CF4453	1	7	NORTH	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
40	CF4453	1	7	NORTH	DOOR FRAME	METAL	WHITE	INTACT	Positive	1.9	mg/cm ²
41	CF4453	1	7	NORTH	DOOR	WOOD	WHITE	INTACT	Negative	0.15	mg/cm ²
42	CF4453	1	7	SOUTH	STALL	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
43	CF4453	1	7	SOUTH	WALL PANEL	CONCRETE	YELLOW	INTACT	Negative	0.4	mg/cm ²
44	CF4453	1	7		FLOOR	CERAMIC	BROWN	INTACT	Negative	0.05	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
CF4453
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
45	CF4453	1	7		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
46	CF4453	1	8		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0	mg/cm ²
47	CF4453	1	8		FLOOR	CERAMIC	BROWN	INTACT	Negative	0.02	mg/cm ²
48	CF4453	1	8	NORTH	WALL	CERAMIC	BLUE	INTACT	Negative	0.11	mg/cm ²
49	CF4453	1	8	SOUTH	WALL	CONCRETE	PINK	INTACT	Negative	0.06	mg/cm ²
50	CF4453	1	8	SOUTH	WALL PANEL	METAL	BROWN	DETERIORATED	Positive	1.3	mg/cm ²
51	CF4453	1	8		FLOOR	VINYL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
52	CF4453	1	8		COLUMN	METAL	BLUE	INTACT	Negative	0.1	mg/cm ²
53	CF4453	1	8	NORTH	COLUMN	CONCRETE	BLUE	INTACT	Negative	0.09	mg/cm ²
54	CF4453	1	8	NORTH	RADIATOR	METAL	BROWN	INTACT	Positive	2.5	mg/cm ²
55	CF4453	1	8	SOUTH	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
56	CF4453	1	8	SOUTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
57	CF4453	1	8	SOUTH	BASEBOARD	WOOD	BROWN	DETERIORATED	Negative	0.08	mg/cm ²
58	CF4453	1	8	SOUTH	TRIM	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
59	CF4453	1	8	NORTH	DOOR FRAME	METAL	BLUE	DETERIORATED	Positive	1.5	mg/cm ²
60	CF4453	1	8	NORTH	DOOR	METAL	BLUE	DETERIORATED	Negative	0.05	mg/cm ²
61	CF4453	1	8	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.1	mg/cm ²
62	CF4453	1	8	WEST	WALL	CONCRETE	BLUE	DETERIORATED	Negative	0.07	mg/cm ²
63	CF4453	1	8	WEST	SHELF	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
64	CF4453	1	8	NORTH	HVAC	METAL	BLUE	INTACT	Negative	0.1	mg/cm ²
65	CF4453	1	8	NORTH	CHASE	METAL	BLUE	INTACT	Negative	0.09	mg/cm ²
66	CF4453	1	9	EAST	CABINET	WOOD	BROWN	INTACT	Negative	0.07	mg/cm ²
67	CF4453	1	9	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.09	mg/cm ²
68	CF4453	1	9	EAST	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.07	mg/cm ²
69	CF4453	1	9	NORTH	BASEBOARD	WOOD	BROWN	DETERIORATED	Negative	0.04	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
CF4453
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
70	CF4453	1	9	SOUTH	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
71	CF4453	1	9	SOUTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0.05	mg/cm ²
72	CF4453	1	9	WEST	WALL PANEL	METAL	YELLOW	INTACT	Positive	3.3	mg/cm ²
73	CF4453	1	9	WESTM	FLOOR	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
74	CF4453	1	10	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
75	CF4453	1	10	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0.04	mg/cm ²
76	CF4453	1	10	NORTH	DOOR	METAL	BLUE	INTACT	Negative	0.09	mg/cm ²
77	CF4453	1	10	NORTH	DOOR FRAME	METAL	BLUE	INTACT	Positive	3.1	mg/cm ²
78	CF4453	1	10		BEAM	METAL	GRAY	INTACT	Negative	0	mg/cm ²
79	CF4453	1	8		BEAM	METAL	RED	INTACT	Negative	0.01	mg/cm ²
80	CF4453	1	11	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
81	CF4453	1	11	EAST	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
82	CF4453	1	11	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
83	CF4453	1	11		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

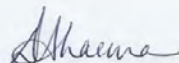
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71497-1
Client Project/Site: Building CF4453

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:16:22 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Job ID: 720-71497-1

Laboratory: TestAmerica Pleasanton

Narrative

**Job Narrative
720-71497-1**

Comments

No additional comments.

Receipt

The samples were received on 4/12/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a dilution due to the nature of the sample matrix: CF4453-PCBB01 (720-71497-2) and (720-71497-A-2-B DU). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Client Sample ID: CF4453-PCBB01

Lab Sample ID: 720-71497-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	1200000000		50000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Client Sample ID: CF4453-PCBB01

Lab Sample ID: 720-71497-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 11:56	20000
PCB-1221	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 11:56	20000
PCB-1232	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 11:56	20000
PCB-1242	1200000000		50000000		ug/Kg		04/23/16 07:50	04/25/16 11:56	20000
PCB-1248	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 11:56	20000
PCB-1254	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 11:56	20000
PCB-1260	ND		50000000		ug/Kg		04/23/16 07:50	04/25/16 11:56	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	42 - 147				04/23/16 07:50	04/25/16 11:56	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	30 - 148				04/23/16 07:50	04/25/16 11:56	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Waste

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (42-147)	DCB1 (30-148)
720-71497-2	CF4453-PCBB01	0 X D	0 X D
720-71497-2 DU	CF4453-PCBB01	0 X D	0 X D
LCS 720-201028/2-A	Lab Control Sample	120	107
MB 720-201028/1-A	Method Blank	116	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201028/1-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1221	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1232	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1242	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1248	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1254	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1260	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		42 - 147	04/23/16 07:50	04/23/16 13:46	1
DCB Decachlorobiphenyl	105		30 - 148	04/23/16 07:50	04/23/16 13:46	1

Lab Sample ID: LCS 720-201028/2-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4000	4380		ug/Kg		110	85 - 153
PCB-1260	4000	4110		ug/Kg		103	78 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	120		42 - 147
DCB Decachlorobiphenyl	107		30 - 148

Lab Sample ID: 720-71497-2 DU

Matrix: Waste

Analysis Batch: 201040

Client Sample ID: CF4453-PCBB01

Prep Type: Total/NA

Prep Batch: 201028

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
PCB-1016	ND		ND		ug/Kg		NC	20
PCB-1221	ND		ND		ug/Kg		NC	20
PCB-1232	ND		ND		ug/Kg		NC	20
PCB-1242	1200000000		1060000000		ug/Kg		12	20
PCB-1248	ND		ND		ug/Kg		NC	20
PCB-1254	ND		ND		ug/Kg		NC	20
PCB-1260	ND		ND		ug/Kg		NC	20

Surrogate	DU %Recovery	DU Qualifier	Limits
Tetrachloro-m-xylene	0	X D	42 - 147
DCB Decachlorobiphenyl	0	X D	30 - 148

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

GC Semi VOA

Prep Batch: 201028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71497-2	CF4453-PCBB01	Total/NA	Waste	3580A	
720-71497-2 DU	CF4453-PCBB01	Total/NA	Waste	3580A	
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 720-201028/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 201029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	8082	201028
MB 720-201028/1-A	Method Blank	Total/NA	Waste	8082	201028

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71497-2	CF4453-PCBB01	Total/NA	Waste	8082	201028
720-71497-2 DU	CF4453-PCBB01	Total/NA	Waste	8082	201028

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Client Sample ID: CF4453-PCBB01

Lab Sample ID: 720-71497-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			201028	04/23/16 07:50	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 11:56	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building CF4453

TestAmerica Job ID: 720-71497-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71497-2	CF4453-PCBB01	Waste	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71497-1

Login Number: 71497

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171108
Date Received: 04/14/16
Date Analyzed: 04/18/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-01	30736628	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	1300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	170	mg/kg	5	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	19	mg/kg	8	EPA 3050B/6010B
		Hg	3.7	mg/kg	0.3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	210	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	540	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171108
Date Received: 04/14/16
Date Analyzed: 04/18/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-02	30736629	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	5000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	55	mg/kg	5	EPA 3050B/6010B
		Cr	80	mg/kg	30	EPA 3050B/6010B
		Cu	41	mg/kg	8	EPA 3050B/6010B
		Hg	6.2	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	520	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	44	mg/kg	8	EPA 3050B/6010B
Zn	7400	mg/kg	50	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171620
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-01	30737969	Pb	3.7	mg/l	0.7	CWET/EPA 7420
CF-T22-02	30737970	Pb	10	mg/l	2	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171619
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-01	30737967	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
CF-T22-02	30737968	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171109
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-03	30736630	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171109
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-04	30736631	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	80	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	22	mg/kg	2	EPA 3050B/6010B
		Cr	11	mg/kg	2	EPA 3050B/6010B
		Cu	15	mg/kg	3	EPA 3050B/6010B
		Hg	6.5	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	4	mg/kg	3	EPA 3050B/6010B
		Pb	57	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	820	mg/kg	30	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171410
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CT-T22-04	30737327	Pb	< 0.7	mg/l	0.7	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171409
Date Received: 04/26/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-04	30737326	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: 161091001	Date: 4/13/16
Contact: Chris Burns		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
Phone #: (510) 346-8860		Due Date: _____ Due Time: _____	
Fax #: (888) 296-0271		<input type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Site: FORA		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402	
Job: CF		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %	
		<input type="checkbox"/> TEM Microvac	
		<input type="checkbox"/> Special Project:	
		<input checked="" type="checkbox"/> Metals Analysis: Method <u>Waste</u>	
		Matrix: <u>Solid</u>	
		Analytes: <u>CAM 17</u>	

Comments / Email Reports To:

chrisburns@vista-env.com & molli@vista-env.com

Hold for Possible TCLP & STLC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
CF-T22-01	4/13/16	Interior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
CF-T22-02	4/13/16	Exterior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
CF-T22-03	4/13/16	Ceramic Tile/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
CF-T22-04	4/13/16	CMU-85%, Roofing-7%, Plaster/Stucco/Wallboard/Wood (painted and not)-8%	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		(% by Weight)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/13/16 Time: 0900

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:

Relinquished by:	Relinquished by:	Relinquished by:
Date / Time: 4/13/16, 0900	Date / Time:	Date / Time:
Received by:	Received by:	Received by:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No



BUILDING G4480



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING G4480

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (F, G, H)	Vinyl Floor Tile/Mastic	9" Green and Blue, 12" Beige/Black	Offices, Adjacent Hallways, and Storage, and South Restroom Foyer	Class II	Category I - Non-Friable	800 SF
J	Wallboard/Joint Compound	White/White, Ceiling	North West Restroom, North Locker Room and Adjacent North East Room, Offices and Adjacent Hallways and Storage Rooms.	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	1,700 SF
L	Insulation	White, Tank	Mechanical Room	Class I	Friable (RACM when Removed)	300 SF
M	Thermal System Insulation	8" OD, White, Fittings	Mechanical Room	Class I	Friable (RACM when Removed)	30 SF (30 Each)
N	Jacketing	White, Valves	Mechanical Room	Class I	Friable (RACM when Removed)	5 SF (5 Each)
Q	Cement Pipe	21" OD, Gray	Mechanical Room Through to Roof (8" O.D. Piece is on Floor)	Class II	Category II-Non-Friable	35 LF
R	Packing	White, Duct at Wall	Mechanical Room at Ducts Through Walls	Class II	Friable (RACM when Removed)	2 SF (24 LF)
T	Mastic	Gray, Boiler	Mechanical Room	Class II	Category I - Non-Friable	10 SF
W	Gasket	Black, Boiler Valve	Mechanical Room	Class II	Category I - Non-Friable	8 SF (2 Each)
X	Gasket	Gray, Exterior Valve	Exterior - South East	Class II	Category I - Non-Friable	2 SF (2 Each)
DD	Glazing	White, Window, Aluminum	Exterior - North, South and East Windows	Class II	Category II-Non-Friable	900 SF (Windows)
HH	Glazing	Off-White, Metal Window	Exterior - South Windows at Entrance to Lobby, North East and East Windows Above doors	Class II	Category II-Non-Friable	225 SF (Windows)
OO	Mastic	Gray & Black, Roof	Roof	Class II	Category I - Non-Friable	50 SF

BUILDING G4480

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
14	1	Outside	South	Door Frame	Metal	Brown	Deteriorated	2.9	mg/cm ²
17	1	Outside	East	Door Frame	Metal	Brown	Deteriorated	4.2	mg/cm ²
22	1	1	North	Door Frame	Metal	Gray	Intact	2.5	mg/cm ²
23	1	2	East	Door Frame	Metal	Gray	Intact	2.5	mg/cm ²
47	1	7	North	Door Frame	Metal	Gray	Deteriorated	2.7	mg/cm ²
53	1	8	East	Door Frame	Metal	Gray	Intact	4.8	mg/cm ²
55	1	8	North	Door Frame	Metal	Beige	Intact	2.9	mg/cm ²
74	1	11	South	Door Frame	Metal	Gray	Intact	2.5	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
CF-T22-01 Interior Paint (TTLC)	1300	NA	170	19	3.7	NA	210	NA	540	mg/kg
(STLC)							3.7			mg/l
(TCLP)							<0.3			mg/l
CF-T22-02 Exterior Paint (TTLC)	5000	80	55	41	6.2	NA	520	44	7400	mg/kg
(STLC)							10			mg/l
(TCLP)							<0.3			mg/l
CF-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	10	NA	NA	NA	NA	NA	NA	2	NA	mg/kg
CF-T22-04 Other (TTLC)	80	11	22	15	6.5	4	57	6	820	mg/kg
(STLC)							<0.7			mg/l
(TCLP)							<0.3			mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

BUILDING G4480

HAZARDOUS MATERIALS SUMMARY

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	506
Other Non-Incandescent Lamps	Universal Waste	6
Electronic Waste (Scoreboard, Copier, TV, Computers, Etc.)	Universal Waste	6
Light Fixture Ballasts	Polychlorinated Biphenyls*	254
Air Compressors	Petroleum Products	2
Refrigerator	Ozone Depleting Chemicals	1

Note: Animal fecal matter is visible throughout.

*Random spot checks of light fixture ballasts found only ones that said "No-PCBs" or "PCB Free". Since not all light fixtures were checked it is assumed that PCB containing ballasts may remain. No samples of ballast capacitor oil were taken.




BUILDING G4480

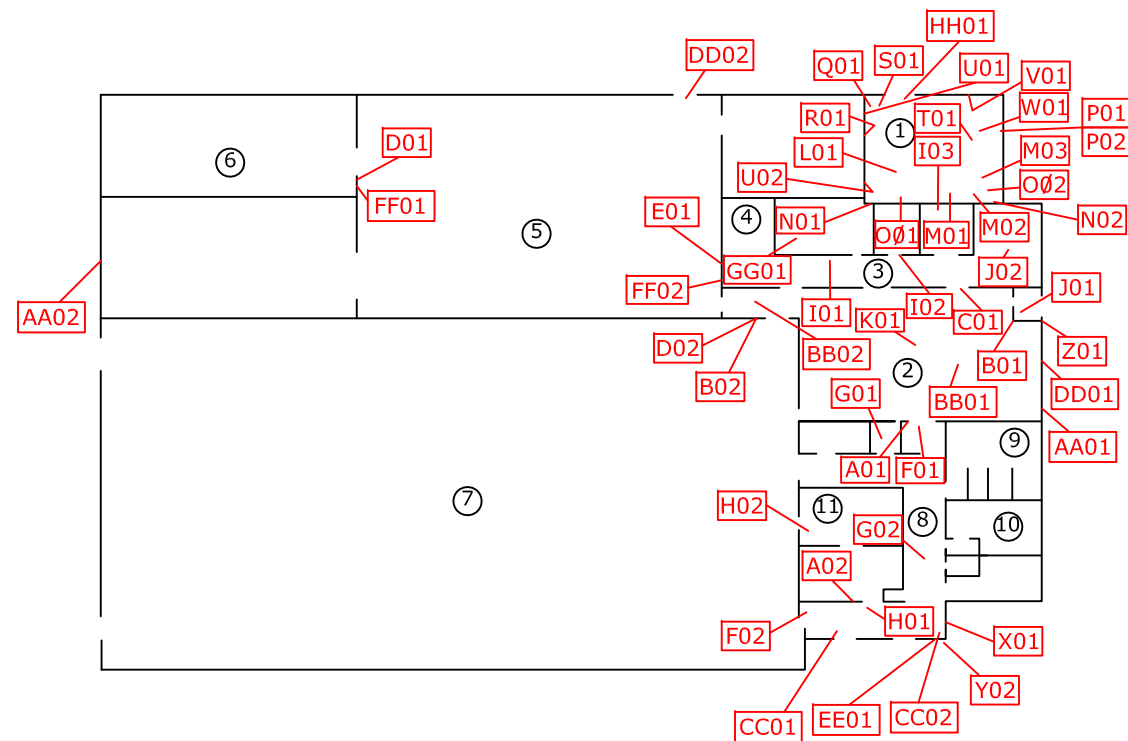
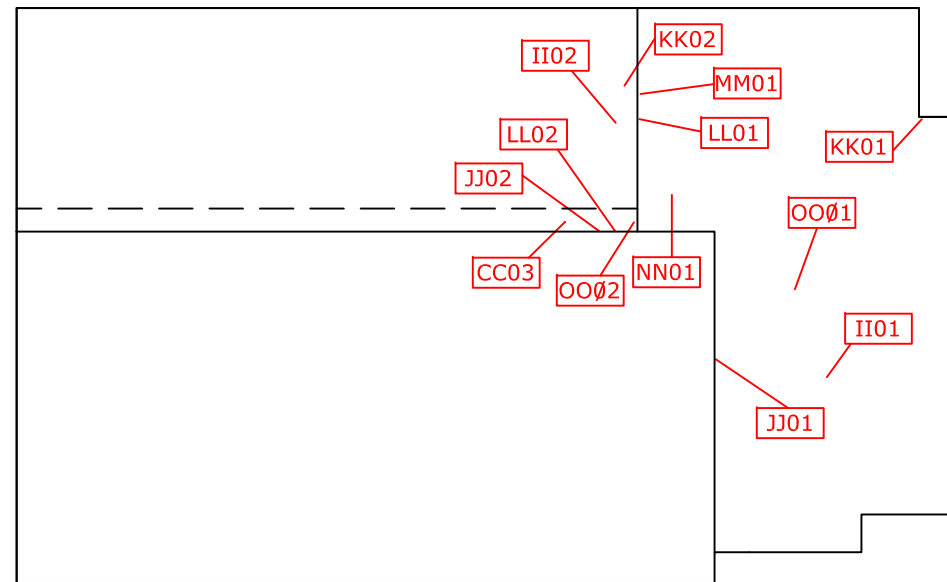
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Interior	2
B	Ceramic Wall Block/Mortar/Grout	Beige/Gray/Gray, Wall	2
C	Mortar/Grout	Gray/Gray, 1" Ceramic Floor	1
D	Basecove/Mastic	Black/Brown, Gym Floor Base	2
E	Insulator Paper	Beige, Electrical Box	1
F	Vinyl Floor Tile/Mastic	9" Green/Black	2
G	Vinyl Floor Tile/Mastic	9" Blue/Black	2
H	Vinyl Floor Tile/Mastic	12" Beige/Black	2
I	Paint/Plaster	White/Gray, Ceiling	3
J	Wallboard/Joint Compound	White/White, Ceiling	2
K	Basecove/Mastic	4" Black/Brown	1
L	Insulation	White, Tank	1
M	Thermal System Insulation	8" OD, White, Fittings	3
N	Jacketing	White, Valves	2
O	Jacketing	White & Black, Pipes	2
P	Jacketing	White, Elbows	2
Q	Cement Pipe	21" OD, Gray	1
R	Packing	White, Duct at Wall	1
S	Flex Connector	Black, HVAC	1
T	Mastic	Gray, Boiler	1
U	Plaster	White, Upper Wall	2
V	Insulation Paper	Black, Electrical Box	1

**BUILDING G4480
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Gasket	Black, Boiler Valve	1
X	Gasket	Gray, Exterior Valve	1
Y	Paint/Concrete Masonry Unit	Beige/Gray, Exterior	2
Z	Sealant	Gray, Door Frame	2
AA	Sealant	Gray, Seam	2
BB	Concrete	Gray, Structural	2
CC	Paint/Stucco	Beige/Gray	3
DD	Glazing	White, Window, Aluminum	1
EE	Glazing	Black, Store Front	1
FF	Vapor Paper	Black, Under Wood Floor	2
GG	Wallboard/Joint Compound	Green/White, Sauna	1
HH	Glazing	Off-White, Metal Window	1
II	Roofing	Black & Black, Tar & Gravel	2
JJ	Base/Parapet	Gray & Black, Built-Up	2
KK	Flashing	Black & Black, Tar & Gravel	2
LL	Sealant	White, Louver & Metal Flashing	2
MM	Sealant	Brown, Metal Flashing	1
NN	Paint	Silver, Roof Vents & Patches	1
OO	Mastic	Gray & Black, Roof	2

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



SHEET TITLE

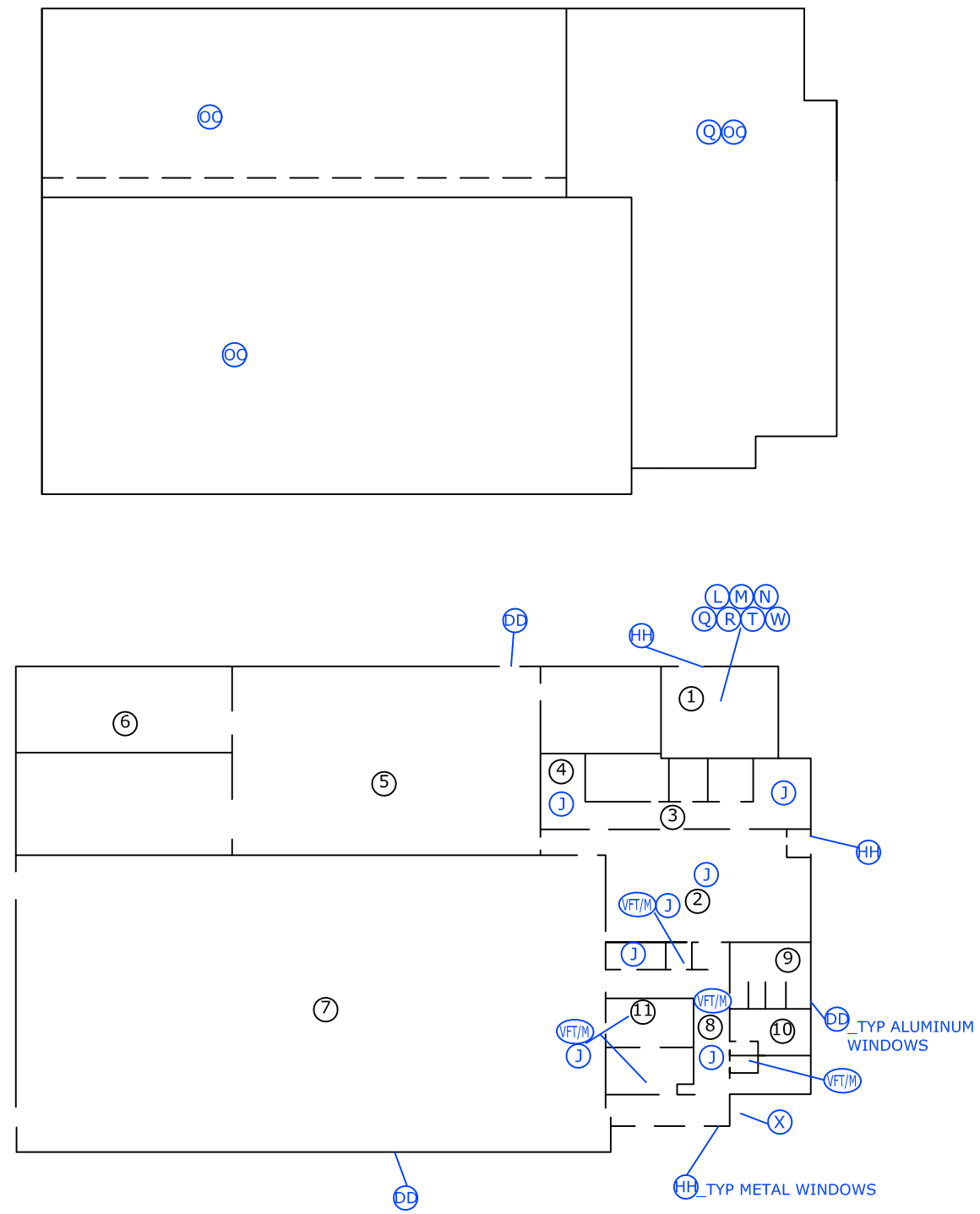
BUILDING G4480
 SAMPLE LOCATIONS

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

G4480

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE

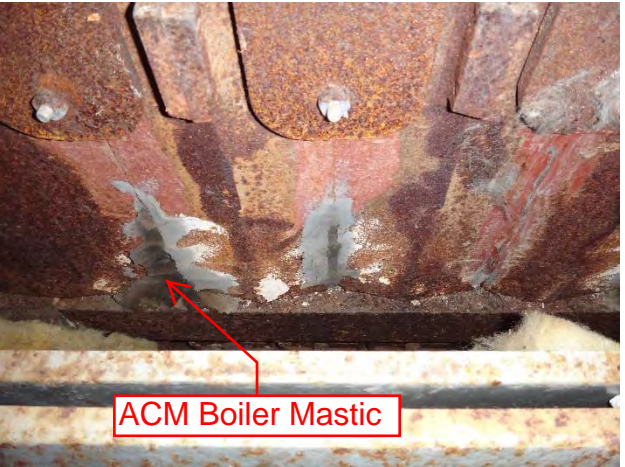
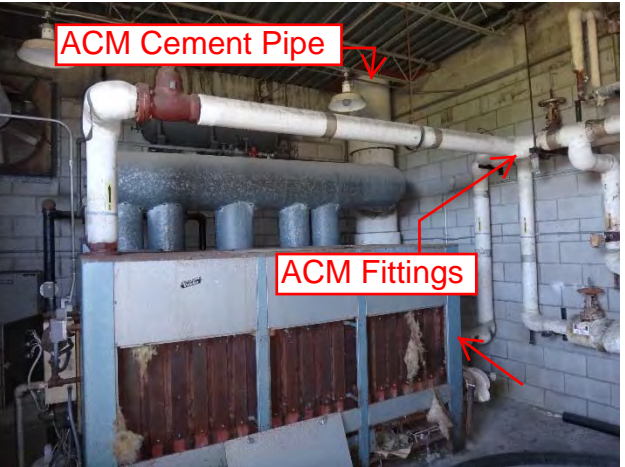
BUILDING G4480
 MATERIAL LOCATIONS

SCALE: 1" = 30'
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FIGURE

G4480

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PHOTO DOCUMENTATION



BUILDING G4480
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B219017
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - G4480

FALI Job ID: L1161
Total Samples Submitted: 68
Total Samples Analyzed: 68

Date(s) Collected: 03/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-A01	11749116						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-A02	11749117						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-B01	11749118						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-B02	11749119						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-C01	11749120						
Layer: White Ceramic Tile			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-D01	11749121						
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-D02	11749122						
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-E01	11749123						
Layer: Beige Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
G4480-F01	11749124						
Layer: Green Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
G4480-F02	11749125						
Layer: Green Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
G4480-G01	11749126						
Layer: Blue Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
G4480-G02	11749127						
Layer: Blue Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
G4480-H01	11749128						
Layer: Beige Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
G4480-H02	11749129						
Layer: Beige Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
G4480-I01	11749130						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-I02	11749131						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-I03	11749132						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-J01	11749133						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (10 %)							
G4480-J02	11749134						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (10 %)							
G4480-K01	11749135						
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-L01	11749136						
Layer: White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (2 %) Fibrous Glass (45 %)							
G4480-M01	11749137						
Layer: White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (2 %) Fibrous Glass (45 %)							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-M02	11749138						
Layer: White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (2 %)	Fibrous Glass (45 %)						
G4480-M03	11749139						
Layer: White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (2 %)	Fibrous Glass (45 %)						
G4480-N01	11749140						
Layer: White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (2 %)	Fibrous Glass (45 %)						
G4480-N02	11749141						
Layer: White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (2 %)	Fibrous Glass (45 %)						
G4480-O01	11749142						
Layer: Silver Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
G4480-O02	11749143						
Layer: Silver Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
G4480-P01	11749144						
Layer: Silver Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
G4480-P02	11749145						
Layer: Silver Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
G4480-Q01	11749146						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	5 %		
Total Composite Values of Fibrous Components:		Asbestos (15%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-R01	11749147						
Layer: White Fibrous Material		Chrysotile	60 %				
Total Composite Values of Fibrous Components:		Asbestos (60%)					
Cellulose (30 %)	Synthetic (2 %)						
G4480-S01	11749148						
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (95 %)						
G4480-T01	11749149						
Layer: Grey Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
G4480-U01	11749150						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-U02	11749151						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-V01	11749152						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %)	Synthetic (40 %)						
G4480-W01	11749153						
Layer: Grey Fibrous Material		Chrysotile	90 %				
Total Composite Values of Fibrous Components:		Asbestos (90%)					
Cellulose (10 %)							
G4480-X01	11749154						
Layer: Grey Fibrous Material		Chrysotile	90 %				
Total Composite Values of Fibrous Components:		Asbestos (90%)					
Cellulose (10 %)							
G4480-Y01	11749155						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-Y02	11749156						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-AA01	11749157						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-AA02	11749158						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-BB01	11749159						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-BB02	11749160						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-CC01	11749161						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-CC02	11749162						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-CC03	11749163						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-DD01	11749164						
Layer: White Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-EE01	11749165						
Layer: Black Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-FF01	11749166						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
G4480-FF02	11749167						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
G4480-GG01	11749168						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
G4480-HH01	11749169						
Layer: White Non-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
G4480-II01	11749170						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-II02	11749171						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
G4480-JJ01	11749172						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (60 %)							
Comment: Bulk complex sample.							
G4480-JJ02	11749173						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (60 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

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Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-KK01	11749174						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (50 %)							
Comment: Bulk complex sample.							
G4480-KK02	11749175						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (50 %)							
Comment: Bulk complex sample.							
G4480-Z01	11749176						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-Z02	11749177						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-LL01	11749178						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219017

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480-LL02	11749179						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-MM01	11749180						
Layer: Brown Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-NN01	11749181						
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
G4480-OO01	11749182						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
G4480-OO02	11749183						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008098
Date Received: 03/31/16
Date Analyzed: 04/13/16
Date Printed: 04/13/16

Job ID/Site: 161091001 - G4480

FALI Job ID: L1161

PLM Report Number: B219017

Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
G4480-J01	11749133	Composite of ALL Layers White Drywall Off-White Joint Compound White Tape Off-White Joint Compound Paint

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

G4480-J02	11749134	Composite of ALL Layers White Drywall Off-White Joint Compound White Tape Off-White Joint Compound Paint
------------------	----------	--

Point Count Results:

Number of asbestos points counted: 0
Number of non-empty points: 400
Layer percentage of entire sample: 100
Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

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San Leandro, CA 94577

Client ID: L1161
Report Number: N008098
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PLM Report Number: B219017

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Sample Preparation and Analysis:

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Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: G4480

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480	A	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY, INTERIOR		
G4480	A	02	↓	↓		
G4480	B	01	BLOCK/MORTAR/GROUT	BEIGE/GRAY/GRAY, INTERIOR		
G4480	B	02	↓	↓		
G4480	C	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC FLOOR		
G4480	D	01	MASTIC	BROWN, GYM FLOOR		
G4480	D	02	↓	↓		
G4480	E	01	INSULATOR PAPER	BEIGE, ELEC BOX		
G4480	F	01	VFT/HAS	GREEN/BLACK		
G4480	F	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PFC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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SAN LEANDRO, CA 94577

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CLIENT: FORA

DATE: 03/29/16

LOCATION: G4480

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480	G	01	VFT/MAS	9" BLUE/BLACK		
G4480	G	02	↓	↓		
G4480	H	01	VFT/MAS	12" BEIGE/BLACK		
G4480	H	02	↓	↓		
G4480	I	01	PAINT/PLASTER	WHITE/GRAY, CEILING		
G4480	I	02	↓	↓		
G4480	I	03	↓	↓		
G4480	J	01	WB/SC	WHITE/WHITE		
G4480	J	02	↓	↓		
G4480	K	01	BASECOAT/MAS	4" BLACK/BROWN		

ANALYTICAL METHOD: PLM ~~400 PTC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: G4480

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480	L	01	INSULATION	WHITE, TANK		
G4480	M	01	TSI	WHITE, 8" OD FITTINGS		
G4480	M	02	↓	↓		
G4480	M	03	↓	↓		
G4480	N	01	JACKETING	WHITE, VALVES		
G4480	N	02	↓	↓		
G4480	O	01	JACKETING	WHITE & BLACK, PIPES		
G4480	O	02	↓	↓		
G4480	P	01	JACKETING	WHITE, ELBOWS		
G4480	P	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PTC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 03/29/16

LOCATION: G4480

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480	Q	01	CEMENT PIPE	GRAY, 21", 8" OD		
G4480	R	01	PACKING	WHITE, DUCT ON WALL		
G4480	S	01	FLEX CONNECTOR	BLACK, HVAC		
G4480	T	01	MASTIC	GRAY, BOILER		
G4480	U	01	PLASTER	WHITE, UPPER WALL		
G4480	U	02	↓	↓		
G4480	V	01	INSULATION PAPER	BLACK, EXACT BOX		
G4480	W	01	GASKET	BLACK, VALVE		
G4480	X	01	GASKET	GRAY, EXTERIOR VALVE		
G4480	Y	01	PAINT/CMU	BEIGE/GRAY, EXTERIOR		

ANALYTICAL METHOD: PLM ~~ACCEPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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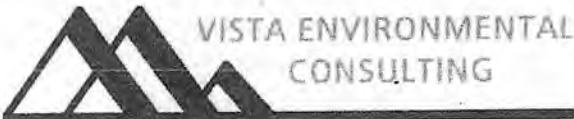
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: G4480

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480	Y	02	↓	↓		
G4480	AA	01	SEALANT	GRAY, SEAMS		
G4480	AA	02	↓	↓		
G4480	BB	01	CONCRETE	GRAY, STRUCTURAL		
G4480	BB	02	↓	↓		
G4480	CC	01	PAINT/STUCCO	BEIGE/GRAY, EXTERIOR		
G4480	CC	02	↓	↓		
G4480	CC	03	↓	↓		
G4480	DD	01	GLAZING	WHITE, WINDOW ALUMINUM		
G4480	EE	01	GLAZING	BLACK, STOREFRONT		

ANALYTICAL METHOD: PLM ~~ACCEPT CONT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: G4480

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480	FF	01	VAPOR PAPER	BLACK, WOOD FLOOR		
G4480	FF	02	↓	↓		
G4480	GG	01	WB/JC	GREEN/WHITE		
G4480	HH	01	GLAZING	OFF-WHITE, METAL WINDOW		
G4480	II	01	ROOFING	BLACK & BLACK, T & G		
G4480	II	02	↓	↓		
G4480	UU	01	BASE/PARAPE	GRAY & BLACK, BUILT-UP		
G4480	UU	02	↓	↓		
G4480	KK	01	FLASHING	BLACK & BLACK, T & C		
G4480	KK	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PFC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LOUIS JAVIER ROCHA
PRINTED NAME

03/30/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME



3. _____
TRANSFER SIGNATURE

PRINTED NAME



2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: G4480

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480	Z	01	SEALANT	GRAY, DF & WF		
G4480	Z	02	↓	↓		
G4480	LL	01	SEALANT	WHITE, LOUVER & METAL FLASHING		
G4480	LL	02	↓	↓		
G4480	MM	01	SEALANT	BROWN, METAL FLASHING		
G4480	NN	01	PAINT	SILVER, ROOF		
G4480	OO	01	MASTIC	GRAY & BLACK, ROOF		
G4480	OO	02	↓	↓		
			68 SAMPLES			

ANALYTICAL METHOD: PLM ~~ACCP/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

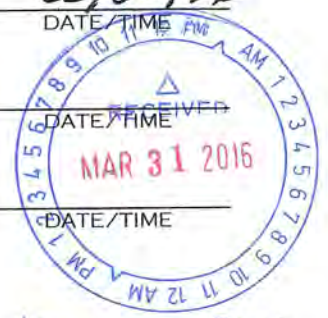
1. Luis J. Rocha
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/30/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME



3. _____
TRANSFER SIGNATURE

PRINTED NAME

PAGE 7 OF 7

KC DU

**FORA
G4480
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
1					SHUTTER_CAL					6.96	
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1	mg/cm ²
5					CALIBRATE				Positive	1.1	mg/cm ²
6	G4480	ROOF	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
7	G4480	ROOF	OUTSIDE	EAST	FLASHING	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
8	G4480	ROOF	OUTSIDE	EAST	VENT	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
9	G4480	ROOF	OUTSIDE	EAST	FASCIA	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
10	G4480	ROOF	OUTSIDE	NORTH	EAVE	PLASTER	BEIGE	INTACT	Negative	0	mg/cm ²
11	G4480	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
12	G4480	1	OUTSIDE	SOUTH	FOUNDATION	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
13	G4480	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
14	G4480	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	2.9	mg/cm ²
15	G4480	1	OUTSIDE	EAST	WINDOW FRAME	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
16	G4480	1	OUTSIDE	EAST	DOOR	METAL	BROWN	DETERIORATED	Negative	0.21	mg/cm ²
17	G4480	1	OUTSIDE	EAST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	4.2	mg/cm ²
18	G4480	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
19	G4480	1	1	EAST	BOILER	METAL	BLUE	INTACT	Negative	0	mg/cm ²
20	G4480	1	1	EAST	BOILER	METAL	SILVER	INTACT	Negative	0.06	mg/cm ²
21	G4480	1	1	NORTH	DOOR	METAL	GRAY	INTACT	Negative	0.01	mg/cm ²
22	G4480	1	1	NORTH	DOOR FRAME	METAL	GRAY	INTACT	Positive	2.5	mg/cm ²
23	G4480	1	2	EAST	DOOR FRAME	METAL	GRAY	INTACT	Positive	2.5	mg/cm ²
24	G4480	1	2	EAST	DOOR	METAL	GRAY	INTACT	Negative	0.24	mg/cm ²
25	G4480	1	2	NORTH	WALL	CONCRETE	GRAY	INTACT	Negative	0.02	mg/cm ²
26	G4480	1	2	NORTH	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0.02	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
G4480
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
27	G4480	1	2		LOCKERS	METAL	BLUE	INTACT	Negative	0	mg/cm ²
28	G4480	1	2		BENCH	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
29	G4480	1	2		CEILING	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
30	G4480	1	3		CEILING	DRYWALL	WHITE	INTACT	Negative	0.07	mg/cm ²
31	G4480	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
32	G4480	1	3	NORTH	WALL	CERAMIC	BROWN	INTACT	Negative	0.02	mg/cm ²
33	G4480	1	3		FLOOR	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
34	G4480	1	4		STALL	CERAMIC	BROWN	INTACT	Negative	0.03	mg/cm ²
35	G4480	1	5		FLOOR	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
36	G4480	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
37	G4480	1	5	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
38	G4480	1	5	SOUTH	STAIRS	METAL	GRAY	DETERIORATED	Negative	0.03	mg/cm ²
39	G4480	1	5	WEST	DOOR	WOOD	WHITE	DETERIORATED	Negative	0	mg/cm ²
40	G4480	1	5	WEST	DOOR FRAME	METAL	GRAY	DETERIORATED	Negative	0.16	mg/cm ²
41	G4480	1	6	EAST	WALL	WOOD	WHITE	DETERIORATED	Negative	0.13	mg/cm ²
42	G4480	1	5		BEAM	METAL	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
44	G4480	1	5		CEILING	METAL	WHITE	INTACT	Negative	0.08	mg/cm ²
45	G4480	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
46	G4480	1	7	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
47	G4480	1	7	NORTH	DOOR FRAME	METAL	GRAY	DETERIORATED	Positive	2.7	mg/cm ²
48	G4480	1	7	NORTH	DOOR	WOOD	GRAY	DETERIORATED	Negative	0.07	mg/cm ²
49	G4480	1	7	NORTH	STANDS	WOOD	VARNISH	DETERIORATED	Negative	0	mg/cm ²
50	G4480	1	8	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
51	G4480	1	8	NORTH	BASEBOARD	CERAMIC	BLACK	INTACT	Negative	0.07	mg/cm ²
52	G4480	1	8	EAST	DOOR	WOOD	GRAY	INTACT	Negative	0.06	mg/cm ²
53	G4480	1	8	EAST	DOOR FRAME	METAL	GRAY	INTACT	Positive	4.8	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
G4480
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
54	G4480	1	8	NORTH	DOOR	WOOD	BEIGE	INTACT	Negative	0.1	mg/cm ²
55	G4480	1	8	NORTH	DOOR FRAME	METAL	BEIGE	INTACT	Positive	2.9	mg/cm ²
56	G4480	1	8		FLOOR	VINYL	GREEN	INTACT	Negative	0	mg/cm ²
57	G4480	1	8		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
58	G4480	1	9		CEILING	PLASTER	WHITE	INTACT	Negative	0.02	mg/cm ²
59	G4480	1	9		FLOOR	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
60	G4480	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
61	G4480	1	9	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
62	G4480	1	9	WEST	LOCKERS	METAL	BLUE	INTACT	Negative	0	mg/cm ²
63	G4480	1	9	EAST	LOCKERS	METAL	GRAY	INTACT	Negative	0.04	mg/cm ²
64	G4480	1	9	WEST	STALL	METAL	BROWN	INTACT	Negative	0.29	mg/cm ²
65	G4480	1	10	SOUTH	STALL	METAL	BROWN	INTACT	Negative	0.11	mg/cm ²
66	G4480	1	10	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
67	G4480	1	10	SOUTH	WALL	CERAMIC	BROWN	INTACT	Negative	0.14	mg/cm ²
68	G4480	1	10		CEILING	PLASTER	WHITE	INTACT	Negative	0.04	mg/cm ²
69	G4480	1	10		FLOOR	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
70	G4480	1	11		FLOOR	VINYL	BEIGE	INTACT	Negative	0	mg/cm ²
71	G4480	1	11	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
72	G4480	1	11	EAST	BASEBOARD	CERAMIC	BLACK	INTACT	Negative	0.11	mg/cm ²
73	G4480	1	11	SOUTH	DOOR	WOOD	GRAY	INTACT	Negative	0.19	mg/cm ²
74	G4480	1	11	SOUTH	DOOR FRAME	METAL	GRAY	INTACT	Positive	2.5	mg/cm ²
75	G4480	1	11	NORTH	CABINET	WOOD	RED	INTACT	Negative	0.5	mg/cm ²
76	G4480	1	11		CEILING	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
82					CALIBRATE				Positive	1	mg/cm ²
83					CALIBRATE				Positive	1	mg/cm ²
84					CALIBRATE				Positive	1.3	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171108
Date Received: 04/14/16
Date Analyzed: 04/18/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-01	30736628	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	1300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	170	mg/kg	5	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	19	mg/kg	8	EPA 3050B/6010B
		Hg	3.7	mg/kg	0.3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	210	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	540	mg/kg	50	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171108
Date Received: 04/14/16
Date Analyzed: 04/18/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-02	30736629	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	5000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	55	mg/kg	5	EPA 3050B/6010B
		Cr	80	mg/kg	30	EPA 3050B/6010B
		Cu	41	mg/kg	8	EPA 3050B/6010B
		Hg	6.2	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	520	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	44	mg/kg	8	EPA 3050B/6010B
Zn	7400	mg/kg	50	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171620
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-01	30737969	Pb	3.7	mg/l	0.7	CWET/EPA 7420
CF-T22-02	30737970	Pb	10	mg/l	2	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171619
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-01	30737967	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
CF-T22-02	30737968	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171109
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-03	30736630	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	< 0.05	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171109
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-04	30736631	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	80	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	22	mg/kg	2	EPA 3050B/6010B
		Cr	11	mg/kg	2	EPA 3050B/6010B
		Cu	15	mg/kg	3	EPA 3050B/6010B
		Hg	6.5	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	4	mg/kg	3	EPA 3050B/6010B
		Pb	57	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	820	mg/kg	30	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171410
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CT-T22-04	30737327	Pb	< 0.7	mg/l	0.7	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171409
Date Received: 04/26/16
Date Analyzed: 04/28/16
Date Printed: 04/28/16
First Reported: 04/28/16

Job ID / Site: 161091001, FORA, CF
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
CF-T22-04	30737326	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: 161091001	Date: 4/13/16
Contact: Chris Burns		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
Phone #: (510) 346-8860		Due Date: _____ Due Time: _____	
Fax #: (888) 296-0271		<input type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Site: FORA		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402	
Job: CF		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %	
		<input type="checkbox"/> TEM Microvac	
		<input type="checkbox"/> Special Project:	
		<input checked="" type="checkbox"/> Metals Analysis: Method <u>Waste</u>	
		Matrix: <u>Solid</u>	
		Analytes: <u>CAM 17</u>	

Comments / Email Reports To:

chrisburns@vista-env.com & molli@vista-env.com

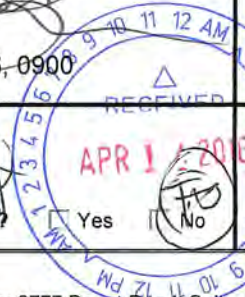
Hold for Possible TCLP & STLC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
CF-T22-01	4/13/16	Interior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
CF-T22-02	4/13/16	Exterior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
CF-T22-03	4/13/16	Ceramic Tile/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
CF-T22-04	4/13/16	CMU-85%, Roofing-7%, Plaster/Stucco/Wallboard/Wood (painted and not)-8%	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		(% by Weight)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/13/16 Time: 0900

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:

Relinquished by:	Relinquished by:	Relinquished by:
Date / Time: 4/13/16, 0900	Date / Time:	Date / Time:
Received by:	Received by:	Received by:
Date / Time:	Date / Time:	Date / Time:
Condition Acceptable? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No



BUILDING G4480A



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MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING G4480A

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Putty	White, Window	Exterior Window	Class II	Category II-Non-Friable	6 SF (1 Window)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
80	1	1	East	Beam	Metal	Orange	Deteriorated	4.1	mg/cm ²
81	1	1		Floor	Wood	Green	Deteriorated	1.5	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

Title 22 Metals Waste Characterization Estimate




No waste characterization was performed on this building type because it is 100% metal and would be recycled.

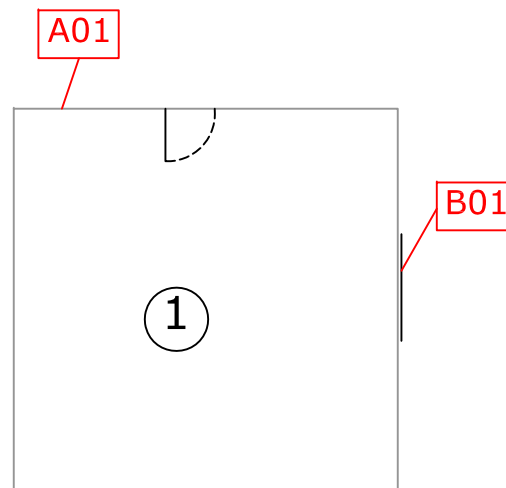
Other Hazardous Materials

No other hazardous materials were identified in the building.

**BUILDING G4480A
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Putty	White, Window	1
B	Paint	White, Exterior	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

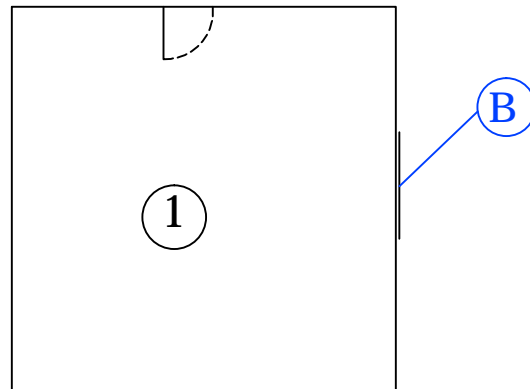
PROJECT TITLE
 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING G4480A
 SAMPLE LOCATIONS

SCALE: 1" = 4'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 G4480A

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE

BUILDING G4480A
 MATERIAL LOCATIONS

SCALE: 1" = 4'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

G4480A

BUILDING G4480A PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218999
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - G4480A(SHED)

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 03/30/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
G4480A-A01	11749070						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
G4480A-B01	11749071						
Layer: Green Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/30/16

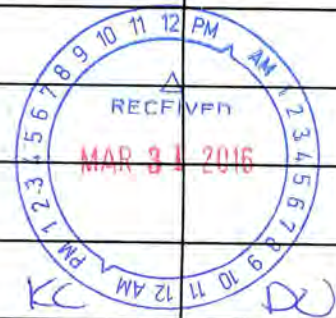
LOCATION: G4480A (SHED)

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
G4480A	A	01	PUTTY	WHITE, WINDOW		
G4480A	B	01	PAINT	WHITE, EXTERIOR		
2 SAMPLES						



ANALYTICAL METHOD: PLM ~~ICP-OES~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

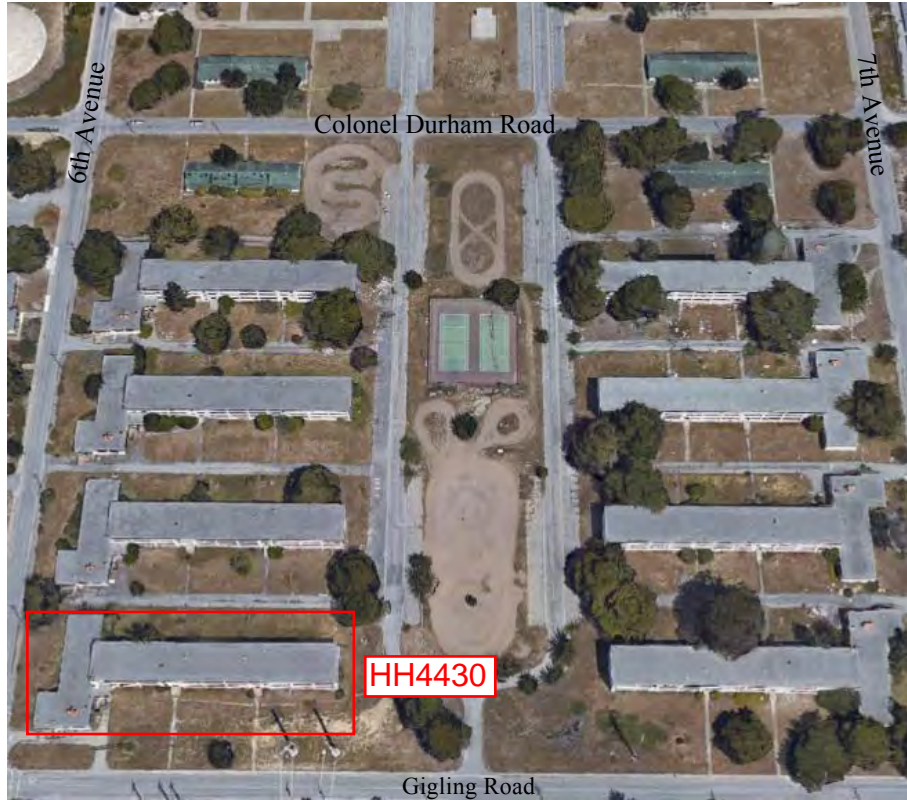
- [Signature] TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME 03/30/16 DATE/TIME
- _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
- _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME

**FORA
G4480A
XRF Sequential Report**

Reading No	BUILDING	FLOOR	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC	Units
1					SHUTTER_CAL					6.96	
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1	mg/cm ²
5					CALIBRATE				Positive	1.1	mg/cm ²
77	G4480A	1	OUTSIDE	EAST	WALL	METAL	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
78	G4480A	1	OUTSIDE	NORTH	TRIM	METAL	WHITE	DETERIORATED	Negative	0.08	mg/cm ²
79	G4480A	1	OUTSIDE	NORTH	DOOR	METAL	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
80	G4480A	1	1	EAST	BEAM	METAL	ORANGE	DETERIORATED	Positive	4.1	mg/cm ²
81	G4480A	1	1		FLOOR	WOOD	GREEN	DETERIORATED	Positive	1.5	mg/cm ²
82					CALIBRATE				Positive	1	mg/cm ²
83					CALIBRATE				Positive	1	mg/cm ²
84					CALIBRATE				Positive	1.3	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

BUILDING HH4430



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BUILDING HH4430

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, R, Y, Z)	Vinyl Floor Tile/Mastic	9" Black, Red, Tan and 12" Off-White/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories and Storage. This material is under newer CMU walls and under ceramic tiles located in bedrooms.	Class II	Category I - Non-Friable	29,750 SF
J	Wallboard/Joint Compound	White/White	Head: North Offices, Handle: 1st Floor West Rooms	Unclassified (ACCM)	NA (Layer <1% by Point Count)	7,200 SF
K	Texture Coat	White, Small	Head: North West Central Office; Handle: 1st Floor West Rooms	Unclassified (ACCM)	NA (Layer <1% by Point Count)	3,500 SF
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II-Non-Friable	400 SF

BUILDING HH4430

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
LL	Jacketing	White, Tank	Boiler Room	Class I	Friable (RACM when Removed)	600 SF (2 Tanks)
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
SS	Sealant	Tan, Window Frames	Throughout, Metal Windows	Class II	Category I - Non-Friable	305 SF (3,660 LF)
WW	Sealant	Black, Window Frame	Restroom, Aluminum Windows	Class II	Category I - Non-Friable	45 SF (540 LF)
YY	Insulation	White, Wire	Handle, Basement, Armory, North West of Distribution Counter: Electrical Box. May be inside additional electrical boxes.	Class II	Friable (RACM when Removed)	5 SF

BUILDING HH4430

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
ZZ	Insulator	Black, Electrical Box	Head, Basement, Transformer Vault: Electrical Box. May be inside additional electrical boxes.	Class II	Category II-Non-Friable	5 SF
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	75 SF
F3	Flex Connector	White, HVAC	Head Rood on HVAC	Class I	Friable (RACM when Removed)	5 SF
J3	Gasket	White, Round Tank	Basement Boiler Room - South Tank	Class II	Category I - Non-Friable	8 SF (2 Each)
M3	Insulation	White, Breech	Boiler Room	Class I	Friable (RACM when Removed)	3,000 SF
V3	Glazing	Tan, Window, Interior	Kitchen Office Window	Class II	Category II - Non-Friable	100 SF (Windows)
W3	Gasket	Gray Valve, Exterior	Exterior - West Side of Head	Class II	Category I - Non-Friable	4 SF (4 Each)
X3	Insulation, Packings, Gaskets And Bricks	Various	Interior of Boiler. The interior of the boiler is inaccessible. All interior materials are assumed to be asbestos.	Class I and II	Friable (RACM when Removed) and Category I - Non-Friable	2,300 SF (3 Boilers)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
428	1	Outside	South	Dock	Concrete	Beige	Deteriorated	4.3	mg/cm ²
432	1	Outside	South	Stairs	Concrete	Brown	Deteriorated	1.7	mg/cm ²
435	1	Outside	South	Door Frame	Metal	Brown	Intact	4.2	mg/cm ²
436	1	Outside	South	Door	Wood	Brown	Intact	4.2	mg/cm ²
437	1	Outside	South	Louver	Metal	Brown	Deteriorated	1.4	mg/cm ²
443	1	Outside	South	Window	Metal	Brown	Intact	2.1	mg/cm ²
446	1	Outside	South	Downspout	Metal	Brown	Intact	3.8	mg/cm ²

BUILDING HH4430 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
447	1	Outside	South	Floor	Concrete	Brown	Deteriorated	2.9	mg/cm ²
450	1	Outside	North	Door Frame	Metal	Brown	Intact	3.6	mg/cm ²
453	1	1	South	Window Frame	Metal	Brown	Deteriorated	1.8	mg/cm ²
457	1	1	North	Door Frame	Metal	Brown	Intact	1.6	mg/cm ²
458	1	1	North	Door	Wood	Brown	Intact	1.6	mg/cm ²
468	1	2	West	Window Frame	Metal	White	Deteriorated	1.3	mg/cm ²
472	1	3	East	Door Frame	Wood	Orange	Intact	1	mg/cm ²
475	1	4	North	Door	Wood	Orange	Intact	1.2	mg/cm ²
477	1	4	North	Expansion Joint	Metal	White	Intact	1.6	mg/cm ²
478	1	4	East	Door Frame	Metal	Brown	Intact	1	mg/cm ²
491	1	6	East	Door Frame	Metal	Black	Intact	1	mg/cm ²
495	1	7	South	Door Frame	Metal	Brown	Intact	1.3	mg/cm ²
498	1	7	North	Column	Concrete	White	Intact	1.1	mg/cm ²
507	1	8	South	Wall	Ceramic	White	Intact	15.5	mg/cm ²
511	1	9	North	Wall	Ceramic	White	Intact	14.5	mg/cm ²
521	1	Stairwell W		Stairs	Concrete	Gray	Deteriorated	1.5	mg/cm ²
524	Basement	1	South	Door	Metal	Red	Intact	14.8	mg/cm ²
525	Basement	1	South	Door Frame	Metal	Red	Intact	9.3	mg/cm ²
526	Basement	1	East	Door Frame	Metal	Gray	Deteriorated	1.3	mg/cm ²
527	Basement	1	East	Door	Metal	Gray	Deteriorated	1.2	mg/cm ²
532	Basement	1	West	Louver	Metal	Black	Deteriorated	5.5	mg/cm ²
536	Basement	1		Pipe	Metal	Orange	Intact	2.8	mg/cm ²
537	Basement	2	South	Door Frame	Metal	Gray, Light	Intact	2.9	mg/cm ²
538	Basement	2	South	Door	Metal	Brown, Light	Intact	1.7	mg/cm ²
545	Basement	3	North	Wall	Concrete	White	Intact	10.6	mg/cm ²
546	Basement	3	East	Column	Concrete	White	Intact	10.9	mg/cm ²
564	3	Stairwell W	West	Ladder	Metal	White	Deteriorated	2	mg/cm ²

BUILDING HH4430

HAZARDOUS MATERIALS SUMMARY

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and Shaded are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING HH4430

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Thermostat Triggers: Boilers	Universal Waste	3
Transformers	Polychlorinated Biphenyls	1
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	2

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4430-PCBB01	Ballast Capacitor Oil	PCB-1016	1,000,000	mg/kg
HH4430-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.3	mg/kg
HH4430-PCBO01	Transformer Oil	PCBs	No Detections	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4430

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Insulator Paper	Brown, Electrical Box	1
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	2
J	Wallboard/Joint Compound	White/White	3
K	Texture Coat	White, Small	5
L	Not Used	Not Used	Not Used
M	Not Used	Not Used	Not Used
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White/Black	3
S	Not Used	Not Used	Not Used
T	Acoustic Ceiling Panel	2'x4' White, Fissure Pinhole, Horizontal	2
U	Acoustic Ceiling Panel	2'x4' White, Random Pinhole	1
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4430 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Basecove/Mastic	4" Beige/Brown	2
X	Basecove/ Mastic	4" Black/ Brown	1
Y	Vinyl Floor Tile/Mastic	9" Red/Black	1
Z	Vinyl Floor Tile/ Mastic	9" Tan/ Black	1
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Lateral Fissure	1
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Acoustic Ceiling Panel	2'x4' White, Solid Fiberglass	1
GG	Acoustic Ceiling Panel	2'x4' White, Gouge Fiberglass, Patch	1
HH	Not Used	Not Used	Not Used
II	Not Used	Not Used	Not Used
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Acoustic Ceiling Tile	12" White, Uniform Hole	1
OO	Acoustic Ceiling Panel	2'x4' White, Pinhole, Small Gouge	2
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1




BUILDING HH4430

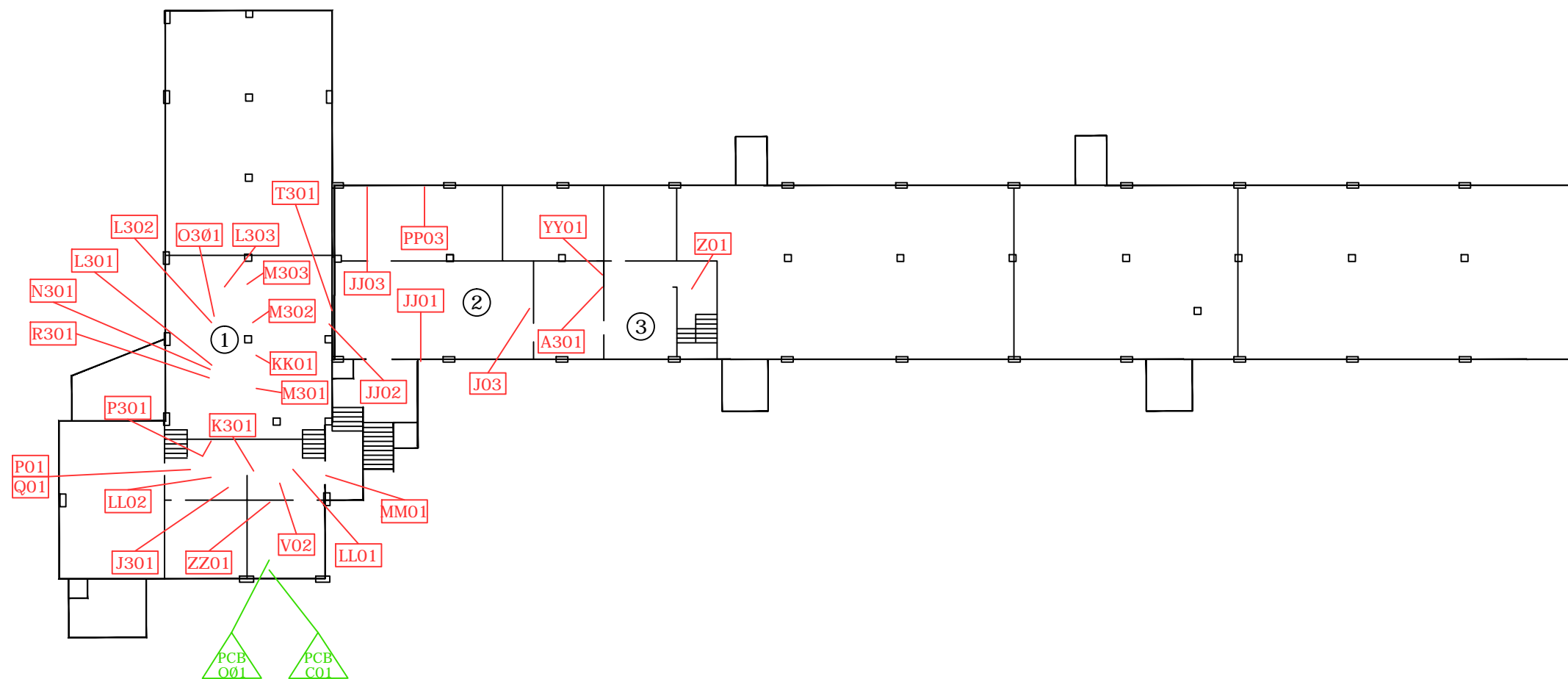
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Insulation	White, Wire	1
ZZ	Insulator	Black, Electrical Box	1
A3	Insulation Paper	Black, Electrical Box	1
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation, Subsurface	1
I3	Acoustic Ceiling Tile	12" White Non-Uniform Hole, Patch	1
J3	Gasket	White, Round Tank	1
K3	Gasket	Black, Round Tank	1
L3	Insulation	White, Boiler	3
M3	Insulation	White, Breech	3
N3	Refractory	Beige, Boiler	1

**BUILDING HH4430
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
O3	Brick/Mortar	Gray & Brown, Boiler	1
P3	Insulator	Gray, Electrical Box	1
Q3	Not Used	Not Used	Not Used
R3	Paint	Silver, Boiler	1
S3	Brick	Beige, Stack	1
T3	Insulator Paper	Gray, Electrical Box	1
U3	Joint Compound	White, Concrete Masonry Unit Patching	1
V3	Glazing	Tan, Window, Interior	1
W3	Gasket	Gray Valve, Exterior	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






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 SAN LEANDRO, CA 94577
 510-346-8860

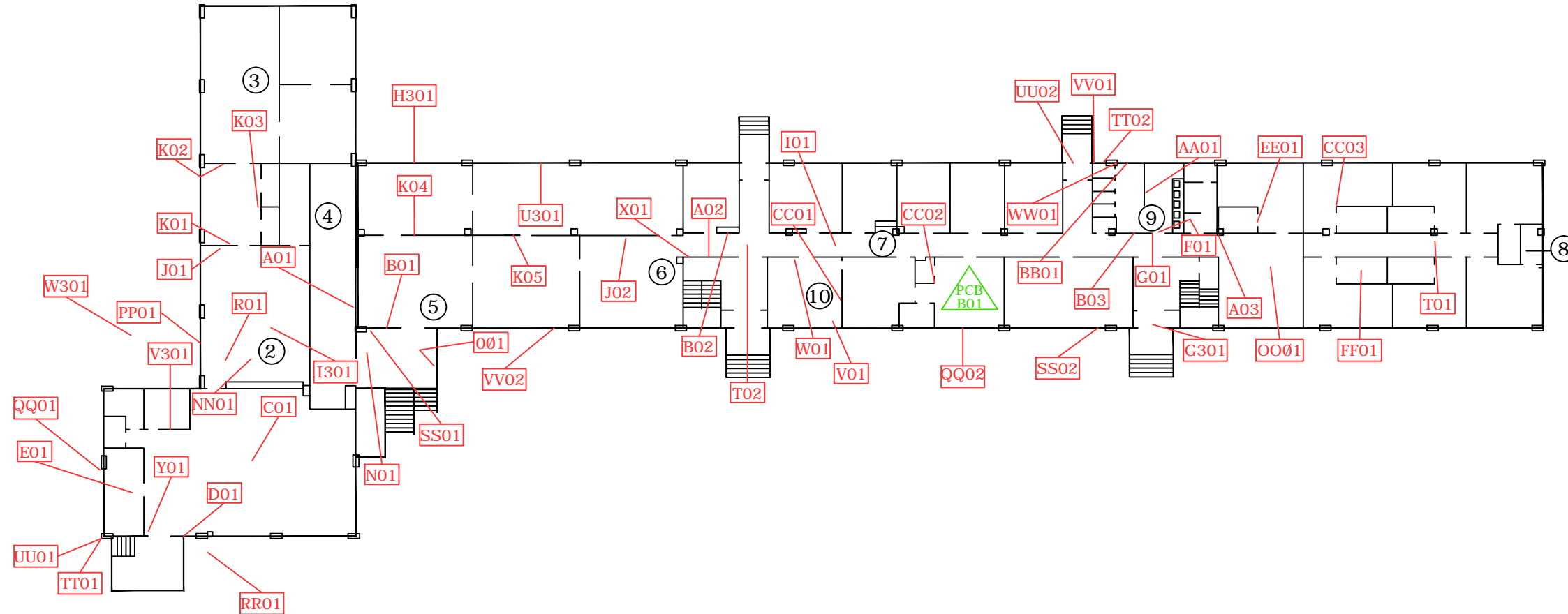
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING HH4430
 SAMPLE LOCATIONS
 BASEMENT

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE
 HH4430

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

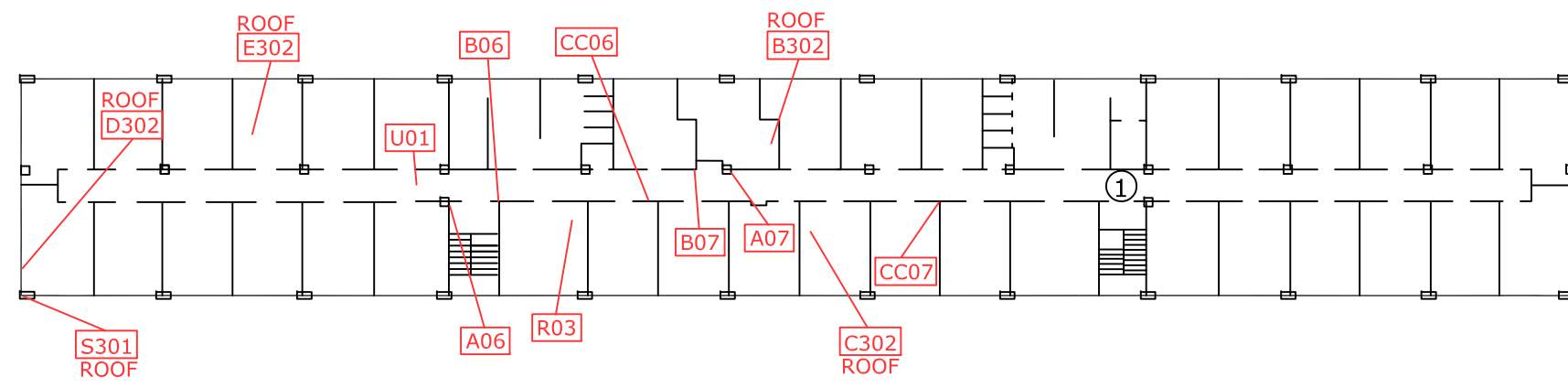
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BUILDING HH4430
 SAMPLE LOCATIONS
 FIRST FLOOR




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 DRAWING No.

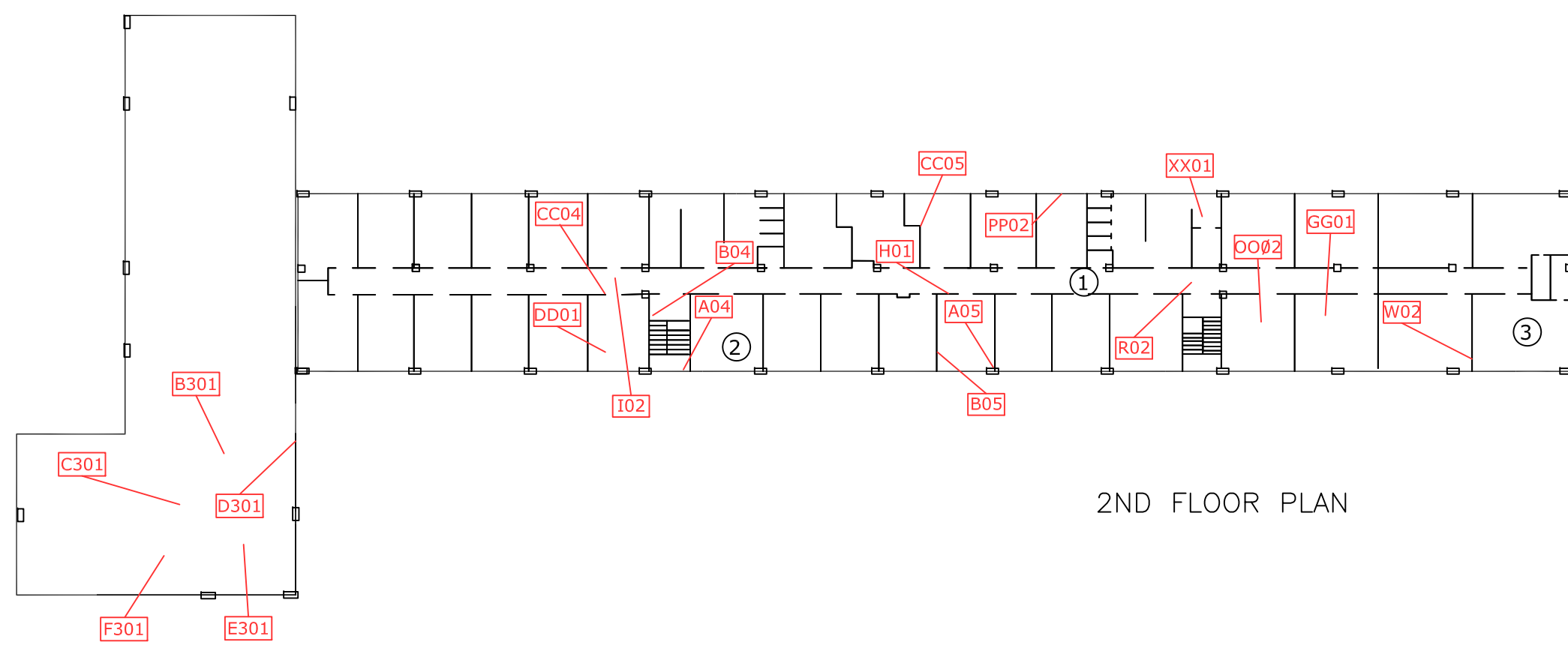
FIGURE

HH4430



3RD FLOOR PLAN

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



2ND FLOOR PLAN





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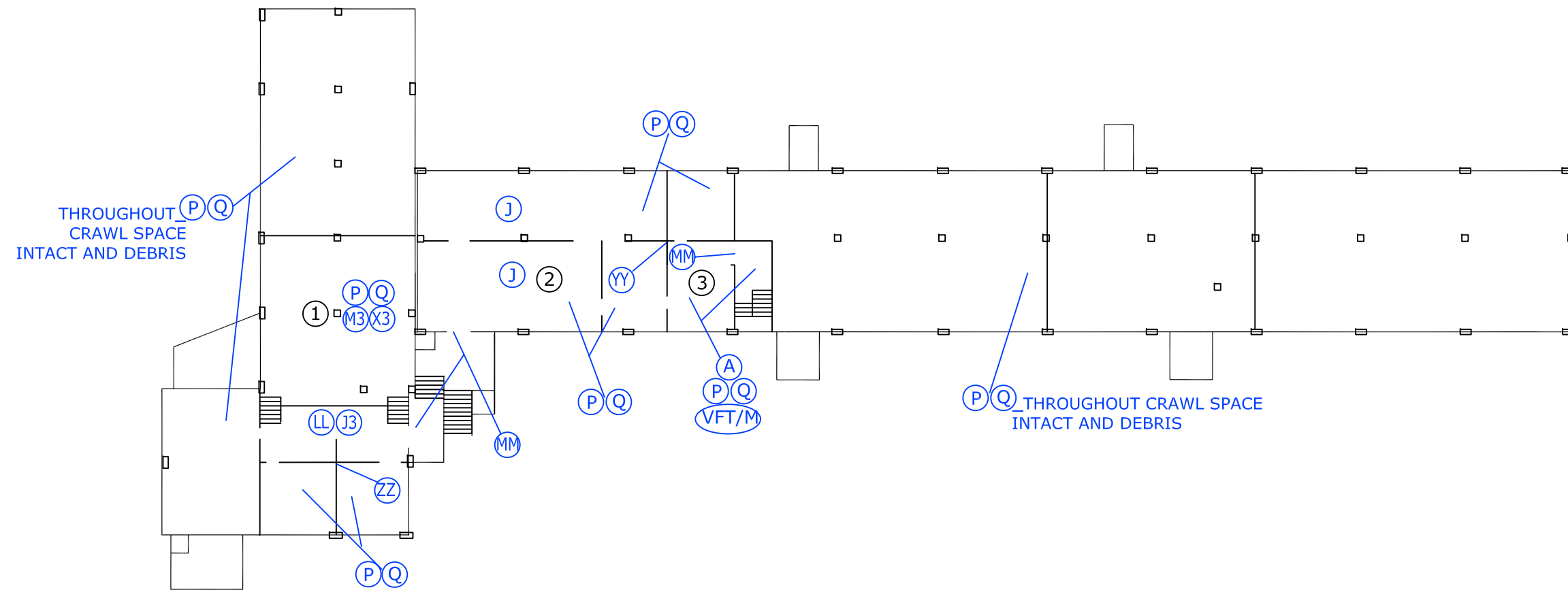
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING HH4430
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE
 HH4430

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE

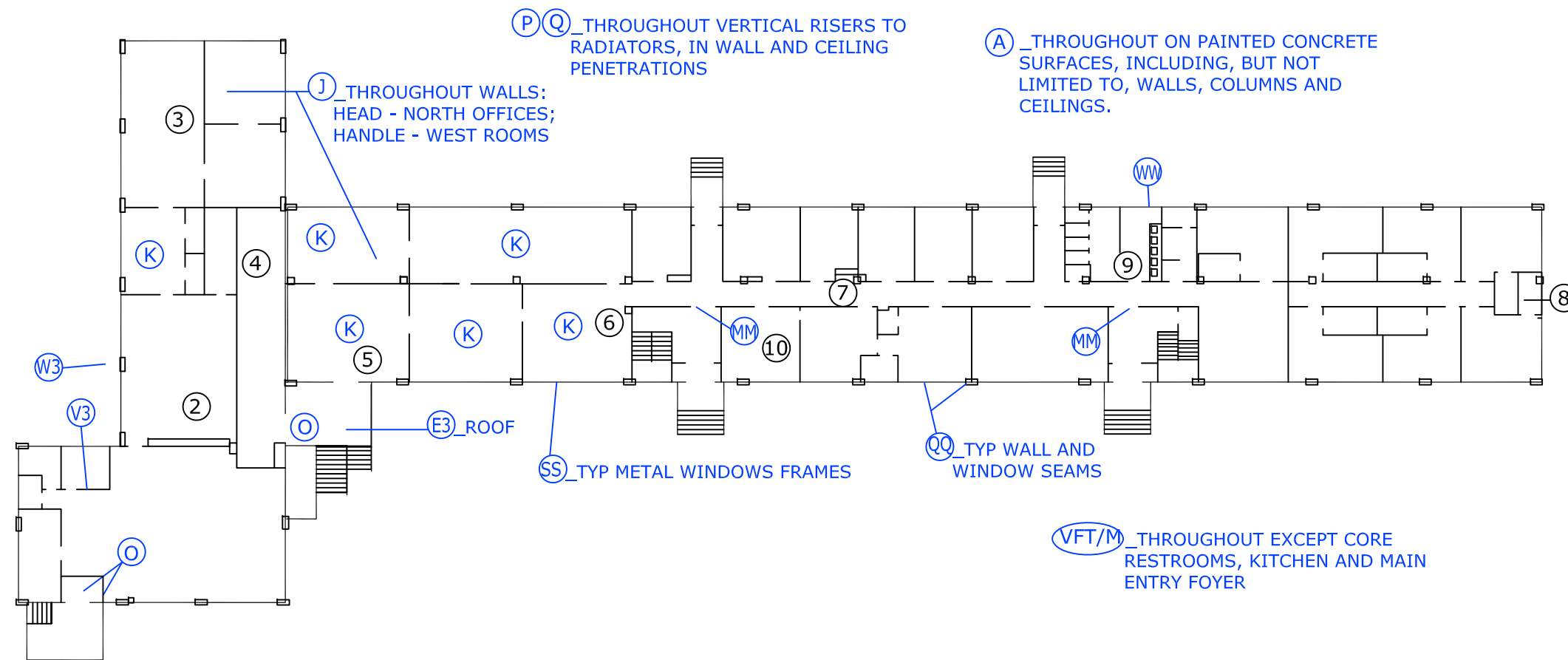
BUILDING HH4430
 MATERIAL LOCATIONS
 BASEMENT

SCALE: 1" = 30'
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 DATE: 05/21/2016
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FIGURE

HH4430

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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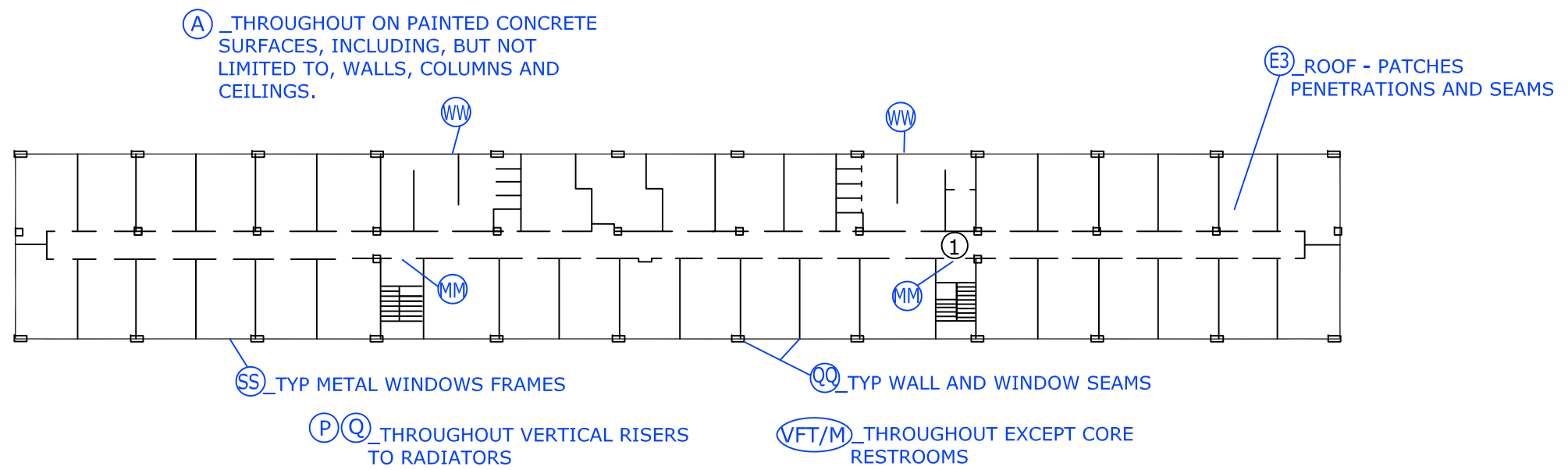
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BUILDING HH4430
 MATERIAL LOCATIONS
 FIRST FLOOR

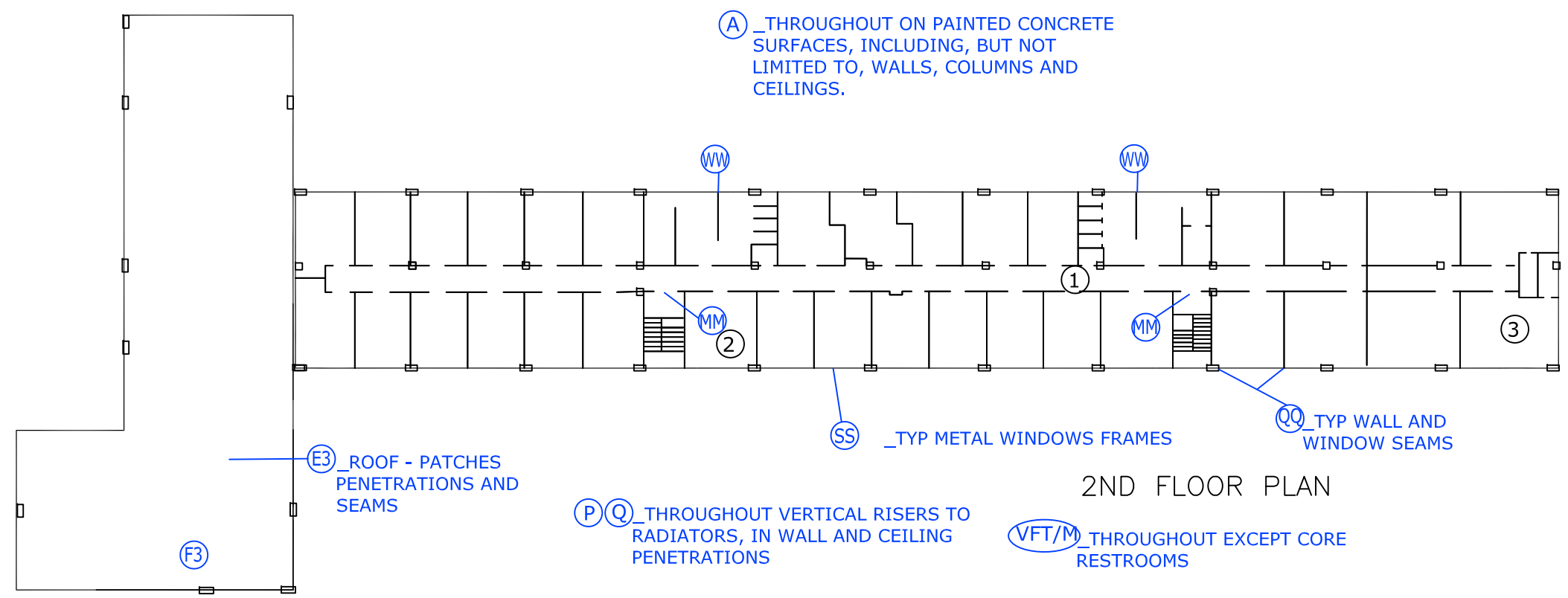
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 DATE: 05/21/2016
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FIGURE

HH4430



3RD FLOOR PLAN



2ND FLOOR PLAN

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

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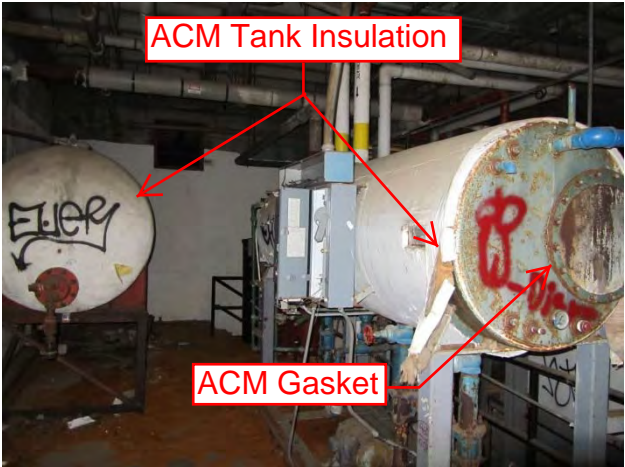
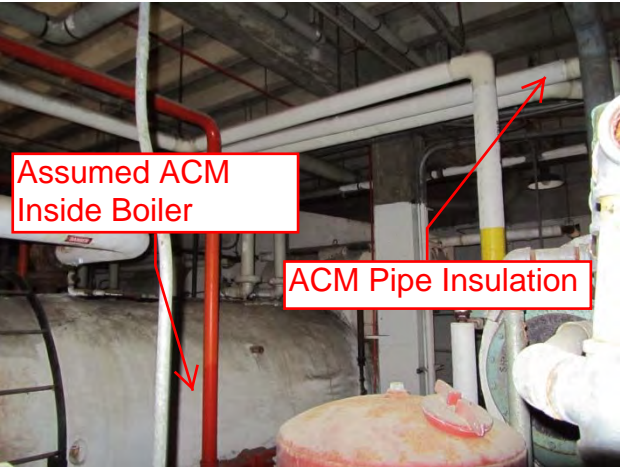
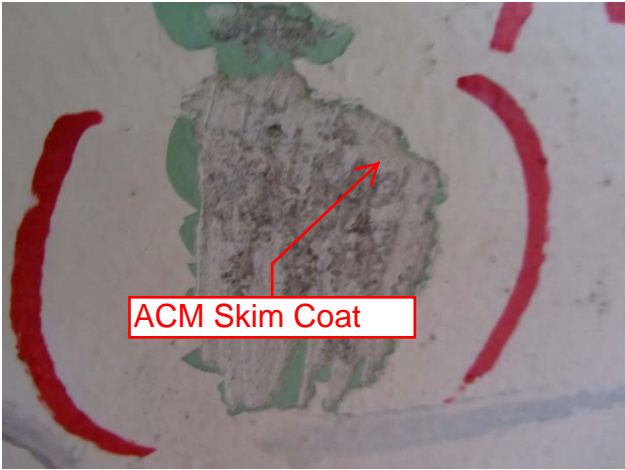
SHEET TITLE
 BUILDING HH4430
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

SCALE: 1" = 30'
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

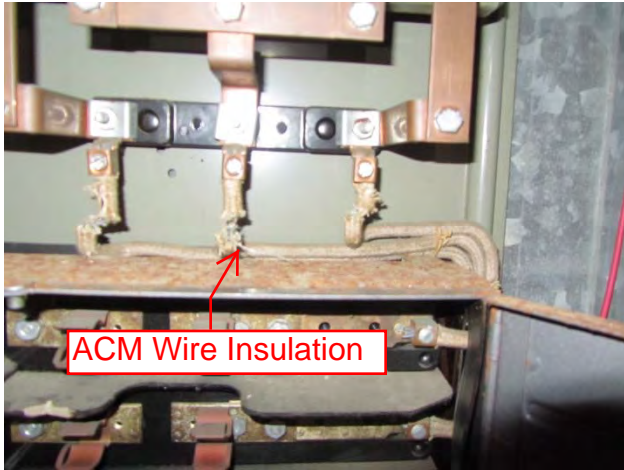
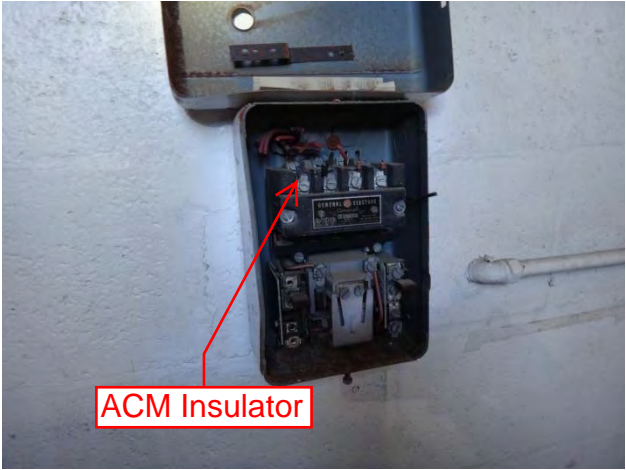
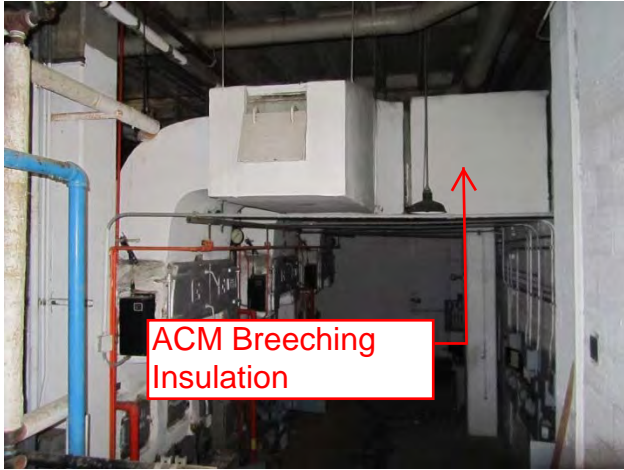
FIGURE
 HH4430



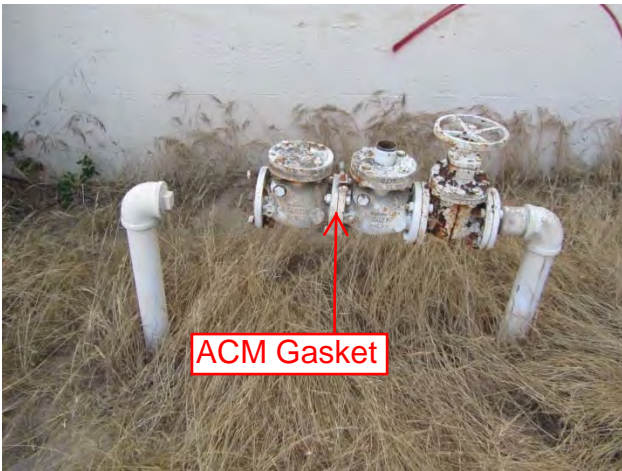
BUILDING HH4430
PHOTO DOCUMENTATION



BUILDING HH4430
PHOTO DOCUMENTATION



BUILDING HH4430
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218805
Date Received: 03/28/16
Date Analyzed: 03/31/16
Date Printed: 03/31/16
First Reported: 03/31/16

Job ID/Site: 161091001 - HH4430

FALI Job ID: L1161
Total Samples Submitted: 116
Total Samples Analyzed: 116

Date(s) Collected: 03/23/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-A01	11747698						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-A02	11747699						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-A03	11747700						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-A04	11747701						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-A05	11747702						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-A06	11747703						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-A07	11747704						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-B01	11747705						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-B02	11747706						
Layer: Grey Cementitious Material			ND				
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-B03	11747707						
Layer: Grey Cementitious Material			ND				
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-B04	11747708						
Layer: Grey Cementitious Material			ND				
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-B05	11747709						
Layer: Grey Cementitious Material			ND				
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-B06	11747710						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-B07	11747711						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-C01	11747712						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-D01	11747713						
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-E01	11747714						
Layer: Black Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-F01	11747715						
Layer: Brown Ceramic Tile			ND				
Layer: White/Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-G01	11747716						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)							
HH4430-H01	11747717						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
HH4430-I01	11747718						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4430-I02	11747719						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4430-J01	11747720						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
HH4430-J02	11747721						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-J03	11747722						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4430-K01	11747723						
Layer: White Drywall			ND				
Layer: White Texture		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
HH4430-K02	11747724						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: White Texture		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
HH4430-K03	11747725						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
HH4430-K04	11747726						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4430-K05	11747727						
Layer: White Drywall			ND				
Layer: Off-White Texture		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %)							
HH4430-N01	11747728						
Layer: Tan Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-O01	11747729						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
HH4430-P01	11747730						
Layer: White Semi-Fibrous Material		Chrysotile	3 %	Amosite	7 %		
Total Composite Values of Fibrous Components:		Asbestos (10%)					
HH4430-Q01	11747731						
Layer: White Semi-Fibrous Material		Chrysotile	3 %	Amosite	7 %		
Total Composite Values of Fibrous Components:		Asbestos (10%)					
HH4430-R01	11747732						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4430-R02	11747733						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4430-R03	11747734						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4430-T01	11747735						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %) Fibrous Glass (20 %)							
HH4430-T02	11747736						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %) Fibrous Glass (20 %)							
HH4430-U01	11747737						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %) Fibrous Glass (20 %)							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-V01	11747738						
Layer: White Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Foil			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)	Fibrous Glass (10 %)						
HH4430-V02	11747739						
Layer: Yellow Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (90 %)						
HH4430-W01	11747740						
Layer: Paint			ND				
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-W02	11747741						
Layer: Paint			ND				
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-X01	11747742						
Layer: Paint			ND				
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-Y01	11747743						
Layer: Red Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4430-Z01	11747744						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-AA01	11747745						
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-BB01	11747746						
Layer: White Cementitious Material			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-CC01	11747747						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-CC02	11747748						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-CC03	11747749						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-CC04	11747750						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-CC05	11747751						
Layer: Dark Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-CC06	11747752						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-CC07	11747753						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-DD01	11747754						
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (95 %)							
HH4430-EE01	11747755						
Layer: Blue Ceramic Tile			ND				
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)							
HH4430-FF01	11747756						
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (90 %)							
HH4430-GG01	11747757						
Layer: Yellow Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (95 %)							
HH4430-JJ01	11747758						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-JJ02	11747759						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-JJ03	11747760						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-KK01	11747761						
Layer: Black Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4430-LL01	11747762						
Layer: White Non-Fibrous Material			ND				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-LL02	11747763						
Layer: Yellow Fibrous Material			ND				
Layer: Foil			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (75 %)							
HH4430-MM01	11747764						
Layer: Off-White Fibrous Material		Chrysotile	80 %				
Total Composite Values of Fibrous Components:		Asbestos (80%)					
Cellulose (5 %)							
HH4430-NN01	11747765						
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (95 %)							
HH4430-OO01	11747766						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4430-OO02	11747767						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							

Client Name: Vista Environmental Consultants

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Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-PP01	11747768						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-PP02	11747769						
Layer: Beige Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-PP03	11747770						
Layer: Beige Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-QQ01	11747771						
Layer: Black Fibrous Material			ND				
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (10 %)							
HH4430-QQ02	11747772						
Layer: Black Fibrous Material			ND				
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (10 %)							
HH4430-RR01	11747773						
Layer: Grey Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-SS01	11747774						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4430-SS02	11747775						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-TT01	11747776						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-TT02	11747777						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-UU01	11747778						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-UU02	11747779						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-VV01	11747780						
Layer: Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-VV02	11747781						
Layer: Grey Cementitious Material			ND				
Layer: Green Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4430-WW01	11747782						
Layer: Grey Semi-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
HH4430-XX01	11747783						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %)							

Client Name: Vista Environmental Consultants

Report Number: B218805

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-YY01	11747784						
Layer: White Woven Material			ND				
Layer: White Fibrous Material		Chrysotile	60 %				
Total Composite Values of Fibrous Components:		Asbestos (30%)					
Cellulose (60 %)							
HH4430-ZZ01	11747785						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
HH4430-A301	11747786						
Layer: Black Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (65 %)							
HH4430-B301	11747787						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
HH4430-B302	11747788						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
HH4430-C301	11747789						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4430-C302	11747790						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-D301	11747791						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4430-D302	11747792						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4430-E301	11747793						
Layer: Grey Mastic		Chrysotile	5 %				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (25 %)	Fibrous Glass (Trace)						
HH4430-E302	11747794						
Layer: Grey Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
HH4430-F301	11747795						
Layer: Tan Semi-Fibrous Material		Chrysotile	15 %				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
HH4430-G301	11747796						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-H301	11747797						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-I301	11747798						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4430-J301	11747799						
Layer: Brown Fibrous Material		Chrysotile	70 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (69%)					
HH4430-K301	11747800						
Layer: Black Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
HH4430-L301	11747801						
Layer: Brown Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (25 %)							
HH4430-L302	11747802						
Layer: Tan Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (25 %)							
HH4430-L303	11747803						
Layer: Brown Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (25 %)							
HH4430-M301	11747804						
Layer: Off-White Fibrous Material		Chrysotile	30 %	Amosite	10 %		
Layer: Grey Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (36%)					
Cellulose (10 %)							

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Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-M302	11747805						
Layer: Off-White Fibrous Material		Chrysotile	30 %	Amosite	10 %		
Layer: Grey Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (36%)					
Cellulose (10 %)							
HH4430-M303	11747806						
Layer: Off-White Fibrous Material		Chrysotile	30 %	Amosite	10 %		
Layer: Grey Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (36%)					
Cellulose (10 %)							
HH4430-N301	11747807						
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-O301	11747808						
Layer: Red-Brown Non-Fibrous Material			ND				
Layer: Tan Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-P301	11747809						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-R301	11747810						
Layer: White Semi-Fibrous Material		Chrysotile	20 %				
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
HH4430-S301	11747811						
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4430-T301	11747812						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
HH4430-U301	11747813						
Layer: Grey Cementitious Material			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218805

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008087
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - HH4430

FALI Job ID: L1161

PLM Report Number: B218805

Total Samples Submitted: 11

Total Samples Analyzed: 11

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4430-A01	11747698	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4430-A02	11747699	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4430-A03	11747700	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008087
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - HH4430

FALI Job ID: L1161

PLM Report Number: B218805

Total Samples Submitted: 11

Total Samples Analyzed: 11

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4430-A04	11747701	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4430-A05	11747702	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4430-A06	11747703	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008087
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - HH4430

FALI Job ID: L1161

PLM Report Number: B218805

Total Samples Submitted: 11
Total Samples Analyzed: 11

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4430-A07	11747704	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4430-K01	11747723	White Texture
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		15
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4430-K02	11747724	White Texture
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		4
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008087
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - HH4430

FALI Job ID: L1161

PLM Report Number: B218805

Total Samples Submitted: 11

Total Samples Analyzed: 11

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4430-K03	11747725	Off-White Skimcoat/Joint Compound
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		15
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	

Comment:

HH4430-K05	11747727	Off-White Texture
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		15
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	

Comment:

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008233
Date Received: 05/25/16
Date Analyzed: 05/25/16
Date Printed: 05/25/16

Job ID/Site: 161091001 - FORA, Building #4430

FALI Job ID: L1161

PLM Report Number: N/A

Total Samples Submitted: 1

Total Samples Analyzed: 1

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
4430-J01	11768724	Off-White Joint Compound

Point Count Results:

Number of asbestos points counted:	2
Number of non-empty points:	400
Layer percentage of entire sample:	100
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	A	01	PAINT/SKIM COAT	WHITE/WHITE, CONCRETE		
HH4430	A	02				
HH4430	A	03				
HH4430	A	04				
HH4430	A	05				
HH4430	A	06				
HH4430	A	07				
HH4430	B	01	PAINT/SKIM COAT	WHITE/WHITE, CMU		
HH4430	B	02				
HH4430	B	03				

ANALYTICAL METHOD: PLM ACCEPTED TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

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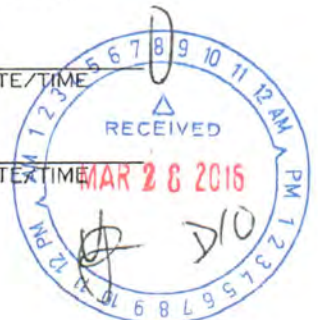
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	B	04				
HH4430	B	05				
HH4430	B	06				
HH4430	B	07				
HH4430	C	01	MORTAR/GROUT	GRAY/GRAY, FLOOR		
HH4430	D	01	MORTAR/GROUT	GRAY/GRAY, WALL		
HH4430	E	01	VFT/MAS	9" BLACK/BLACK		
HH4430	F	01	MORTAR/GROUT	WHITE/GRAY, FLOOR		
HH4430	G	01	VAPOR BARRIER	BLACK, FLOOR		
HH4430	H	01	INSULATOR PAPER	BROWN, ELEC. BOX		

ANALYTICAL METHOD: PLM ~~400PF-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	I	01	ACP	21X41 WHITE, GOLGE PINAQUE		
HH4430	I	02	↓	↓		
HH4430	J	01	WB/SC	WHITE/WHITE, WMS		
HH4430	J	02	↓	↓		
HH4430	J	03	↓	↓		
HH4430	K	01	TEXTURE COAT	WHITE, SMALL		
HH4430	K	02	↓	↓		
HH4430	K	03	↓	↓		
HH4430	K	04	↓	↓		
HH4430	K	05	↓	↓		

ANALYTICAL METHOD: PLM ~~450 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	N	01	WALLBOARD	WHITE, CEILING		
HH4430	O	01	CEMENT PANEL	GRAY, WALLS & CEILING		
HH4430	P	01	TSI	WHITE, 4"-6" OD PIPES		
HH4430	Q	01	TSI	WHITE, 4"-6" OD FITTINGS		
HH4430	R	01	VFT/MAS	12" OFF WHITE/DUCK		
HH4430	R	02	↓	↓		
HH4430	R	03	↓	↓		
HH4430	T	01	ACP	2'x4' WHITE, HORIZ. FISSURE PINHOLE		
HH4430	T	02	↓	↓		
HH4430	U	01	ACP	2'x4' WHITE, RANDOM PINHOLE		

ANALYTICAL METHOD: PLM ~~456789~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	V	01	JACKETING	WHITE, FIBERGLASS PIPES		
HH4430	V	02				
HH4430	W	01	BASECOAT/MAS	4" BEIGE/BROWN		
HH4430	W	02				
HH4430	X	01	BASECOAT/MAS	4" BLACK/BROWN		
HH4430	Y	01	VFT/MAS	9" RED/BLACK		
HH4430	Z	01	VFT/MAS	9" TAN/BLACK		
HH4430	AA	01	MORTAR/GROUT	WHITE/WHITE, WALL		
HH4430	BB	01	VAPOR BARRIER	BLACK, WALL		
HH4430	CC	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY, NEW		

ANALYTICAL METHOD: PLM ~~456789~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	CC	02				
HH4430	CC	03				
HH4430	CC	04				
HH4430	CC	05				
HH4430	CC	06				
HH4430	CC	07				
HH4430	DD	01	ACP	2'x4' WHITE, LATERAL FISSURE		
HH4430	EE	01	MOHTR/GROUT/BARRIER	GRAY/GRAY/BLACK, FLOOR		
HH4430	FF	01	ACP	2'x4' WHITE, SOLID FIBERGLASS		
HH4430	GG	01	ACP	2'x4' WHITE, GOUGE FIBERGLASS		

ANALYTICAL METHOD: PLM 456 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	JJ	01	PAINT/CONCRETE	WHITE/GRAY, BASEMENT		
HH4430	JJ	02	↓	↓		
HH4430	JJ	03	↓	↓		
HH4430	KK	01	INSULATION	BLACK, WIRE		
HH4430	LL	01	JACKETING	WHITE, TAN		
HH4430	LL	02	↓	↓		
HH4430	MM	01	INSULATION	WHITE, FIRE DOOR		
HH4430	NN	01	ACT	12" WHITE, UNIFORM HOLE		
HH4430	OO	01	ACP	21x41 WHITE, DIN HOLE GOUGE		
HH4430	OO	02	↓	↓		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	PP	01	PUTTY	WHITE, WINDOW		
HH4430	PP	02				
HH4430	PP	03				
HH4430	QQ	01	SEALANT / EXPANSION JOINT	TAN / BROWN, SEAMS		
HH4430	QQ	02				
HH4430	RR	01	COATING	GRAY, EXTERIOR		
HH4430	SS	01	SEALANT	TAN, EXTERIOR WINDOW FRAME		
HH4430	SS	02				
HH4430	TT	01	PAINT	WHITE, EXTERIOR		
HH4430	TT	02				

ANALYTICAL METHOD: PLM 400 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	UU	01	CONCRETE	GRAY, STRUCTURAL		
HH4430	UU	02				
HH4430	VV	01	PAINT/CMU/GROUT	WHITE/GRAY/GUMY, EXTERIOR		
HH4430	VV	02				
HH4430	WW	01	SEALANT	BLACK, WINDOW FRAME		
HH4430	XX	01	GASKET	BLACK, LIGHT		
HH4430	YY	01	INSULATION	WHITE, WIRE		
HH4430	ZZ	01	INSULATOR	BLACK, ELECT. BOX		
HH4430	A3	01	INSULATION PAPER	BLACK, ELECT. BOX		
HH4430	B3	01	ROOFING	BLACK & BLACK, T&G		

ANALYTICAL METHOD: PLM ~~400 FT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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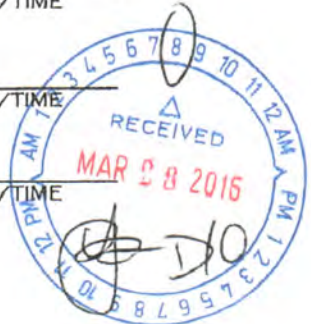
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	B3	02	↓	↓		
HH4430	C3	01	PARADET/BASE	BLACK/BLACK, BUILT-UP		
HH4430	C3	02	↓	↓		
HH4430	D3	01	FLASHING	BLACK & BLACK, T&G.		
HH4430	D3	02	↓	↓		
HH4430	E3	01	MASTIC	GRAY & BLACK, ROOF		
HH4430	E3	02	↓	↓		
HH4430	F3	01	FLEX CONNECTOR	WHITE, HVAC UNIT ON ROOF		
HH4430	G3	01	INSULATION	BROWN, FIRE DOOR		
HH4430	H3	01	VAPOR BARRIER	BLACK, FOUNDATION		

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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DATE/TIME

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DATE/TIME

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	I3	01	ACT	12" WHITE, UNIFORM HOSE		
HH4430	J3	01	GASKET	WHITE, ROUND TANK		
HH4430	K3	01	GASKET	BLACK, ROUND TANK		
HH4430	L3	01	INSULATION	WHITE, BOILER		
HH4430	L3	02				
HH4430	L3	03				
HH4430	M3	01	INSULATION	WHITE, BLEECHING		
HH4430	M3	02				
HH4430	M3	03				
HH4430	N3	01	REFRACTORY	BEIGE BOILER DOOR		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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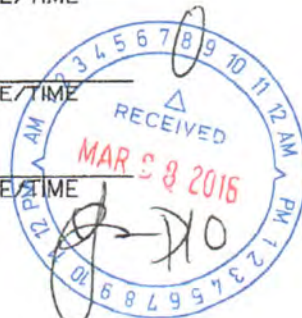
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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/23/16

LOCATION: HH 4430

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4430	03	01	BRICK/MONTR	RED/GRAY, BASE		
HH4430	P3	01	INSULATOR	GRAY, ELECT BOX		
HH4430	R3	01	PAINT	SILVER, BOILER		
HH4430	S3	01	BRICK	BEIGE, STACK		
HH4430	T3	01	INSULATOR PAPER	GRAY, ELECT BOX		
HH4430	U3	01	JOINT COMPOUND	WHITE, PATCH		
116 SAMPLES						

ANALYTICAL METHOD: PLM 456789 TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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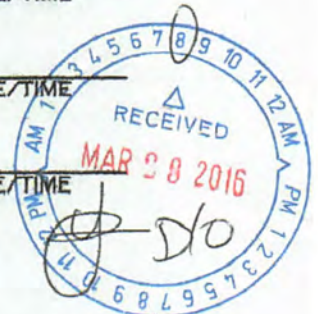
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Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B219005
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4430

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 03/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-V301-01	11749090						
Layer: Tan Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: HH 44-30

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH44-30	V301	01	GLAZING	TAN, WINDOW	INTERIOR	
ONE SAMPLE						

ANALYTICAL METHOD: PLM ~~400 PPT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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- Luis Javier Rocha* TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME 03/29/16 DATE/TIME
- _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
- _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B219260
Date Received: 04/06/16
Date Analyzed: 04/07/16
Date Printed: 04/07/16
First Reported: 04/07/16

Job ID/Site: 161091001 - FORA, HH4430

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 03/31/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4430-W301	11750790						
Layer: Grey Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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**FORA
HH4430
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
282					CALIBRATE				Positive	1	cps
283					CALIBRATE				Positive	1	mg/cm ²
284					CALIBRATE				Positive	1.1	mg/cm ²
428	HH 4430	1	OUTSIDE	SOUTH	DOCK	CONCRETE	BEIGE	DETERIORATED	Positive	4.3	mg/cm ²
429	HH 4430	1	OUTSIDE	WEST	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.3	mg/cm ²
430	HH 4430	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0.3	mg/cm ²
431	HH 4430	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.27	mg/cm ²
432	HH 4430	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Positive	1.7	mg/cm ²
433	HH 4430	1	OUTSIDE	WEST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.4	mg/cm ²
434	HH 4430	1	OUTSIDE	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
435	HH 4430	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	4.2	mg/cm ²
436	HH 4430	1	OUTSIDE	SOUTH	DOOR	WOOD	BROWN	INTACT	Positive	4.2	mg/cm ²
437	HH 4430	1	OUTSIDE	SOUTH	LOUVER	METAL	BROWN	DETERIORATED	Positive	1.4	mg/cm ²
438	HH 4430	1	OUTSIDE	SOUTH	WALL	WOOD	BEIGE	DETERIORATED	Negative	0	mg/cm ²
439	HH 4430	1	OUTSIDE	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
440	HH 4430	1	OUTSIDE	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
441	HH 4430	1	OUTSIDE	EAST	WINDOW SILL	WOOD	BROWN	INTACT	Negative	0.19	mg/cm ²
442	HH 4430	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.4	mg/cm ²
443	HH 4430	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	2.1	mg/cm ²
444	HH 4430	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
445	HH 4430	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.02	mg/cm ²
446	HH 4430	1	OUTSIDE	SOUTH	DOWNSPOUT	METAL	BROWN	INTACT	Positive	3.8	mg/cm ²
447	HH 4430	1	OUTSIDE	SOUTH	FLOOR	CONCRETE	BROWN	DETERIORATED	Positive	2.9	mg/cm ²
448	HH 4430	1	OUTSIDE	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
449	HH 4430	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²

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**FORA
HH4430
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
450	HH 4430	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.6	mg/cm ²
451	HH 4430	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.6	mg/cm ²
452	HH 4430	1	1	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
453	HH 4430	1	1	SOUTH	WINDOW FRAME	METAL	BROWN	DETERIORATED	Positive	1.8	mg/cm ²
454	HH 4430	1	1		HOOD	METAL	WHITE	DETERIORATED	Negative	0.1	mg/cm ²
455	HH 4430	1	1	WEST	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
456	HH 4430	1	1	NORTH	WINDOW FRAME	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
457	HH 4430	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.6	mg/cm ²
458	HH 4430	1	1	NORTH	DOOR	WOOD	BROWN	INTACT	Positive	1.6	mg/cm ²
459	HH 4430	1	1	NORTH	WALL	DRYWALL	BROWN	INTACT	Negative	0.02	mg/cm ²
460	HH 4430	1	1	NORTH	CABINET	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
461	HH 4430	1	1	NORTH	CABINET	METAL	WHITE	DETERIORATED	Negative	0.15	mg/cm ²
462	HH 4430	1	1		FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
463	HH 4430	1	1		BEAM	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
464	HH 4430	1	2	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
465	HH 4430	1	2	WEST	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
466	HH 4430	1	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
467	HH 4430	1	2	WEST	RADIATOR	CONCRETE	WHITE	INTACT	Negative	0.7	mg/cm ²
468	HH 4430	1	2	WEST	WINDOW FRAME	METAL	WHITE	DETERIORATED	Positive	1.3	mg/cm ²
469	HH 4430	1	2	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
470	HH 4430	1	2	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.12	mg/cm ²
471	HH 4430	1	2	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
472	HH 4430	1	3	EAST	DOOR FRAME	WOOD	ORANGE	INTACT	Positive	1	mg/cm ²
473	HH 4430	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
474	HH 4430	1	4	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²

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**FORA
HH4430
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
475	HH 4430	1	4	NORTH	DOOR	WOOD	ORANGE	INTACT	Positive	1.2	mg/cm ²
476	HH 4430	1	4	WEST	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
477	HH 4430	1	4	EAST	EXPANSION JOINT	METAL	WHITE	INTACT	Positive	1.6	mg/cm ²
478	HH 4430	1	4	EAST	DOOR FRAME	METAL	BROWN	INTACT	Positive	1	mg/cm ²
479	HH 4430	1	4	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.13	mg/cm ²
480	HH 4430	1	5	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
481	HH 4430	1	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.3	mg/cm ²
482	HH 4430	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
483	HH 4430	1	5	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.28	mg/cm ²
484	HH 4430	1	5		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
485	HH 4430	1	5	SOUTH	BASEBOARD	CONCRETE	BLACK	INTACT	Negative	0.8	mg/cm ²
486	HH 4430	1	6	EAST	WALL	CONCRETE	BLACK	INTACT	Negative	0.9	mg/cm ²
487	HH 4430	1	6	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
488	HH 4430	1	6	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
489	HH 4430	1	6	NORTH	BASEBOARD	WOOD	BLACK	INTACT	Negative	0.04	mg/cm ²
490	HH 4430	1	6	EAST	DOOR	WOOD	BLACK	INTACT	Negative	0.06	mg/cm ²
491	HH 4430	1	6	EAST	DOOR FRAME	METAL	BLACK	INTACT	Positive	1	mg/cm ²
492	HH 4430	1	6		CEILING	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
493	HH 4430	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
494	HH 4430	1	7	SOUTH	PIPE	METAL	RED	INTACT	Negative	0.5	mg/cm ²
495	HH 4430	1	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²
496	HH 4430	1	7	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
497	HH 4430	1	7	NORTH	WALL	CONCRETE	YELLOW	DETERIORATED	Negative	0.03	mg/cm ²
498	HH 4430	1	7	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.1	mg/cm ²
499	HH 4430	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²

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**FORA
HH4430
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
500	HH 4430	1	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
501	HH 4430	1	7	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.1	mg/cm ²
502	HH 4430	1	7	SOUTH	WALL	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
503	HH 4430	1	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
504	HH 4430	1	7	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
505	HH 4430	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
506	HH 4430	1	8	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
507	HH 4430	1	8	SOUTH	WALL	CERAMIC	WHITE	INTACT	Positive	15.5	mg/cm ²
508	HH 4430	1	8	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.17	mg/cm ²
509	HH 4430	1	8		FLOOR	CERAMIC	BLUE	INTACT	Negative	0.02	mg/cm ²
510	HH 4430	1	9	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
511	HH 4430	1	9	NORTH	WALL	CERAMIC	WHITE	INTACT	Positive	14.5	mg/cm ²
512	HH 4430	1	9	WEST	STALL	METAL	BLUE	INTACT	Negative	0	mg/cm ²
513	HH 4430	1	9		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.05	mg/cm ²
514	HH 4430	1	9		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.11	mg/cm ²
515	HH 4430	1	10	NORTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.11	mg/cm ²
516	HH 4430	1	10	SOUTH	WINDOW SILL	CONCRETE	BLUE	INTACT	Negative	0.26	mg/cm ²
517	HH 4430	1	10	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.5	mg/cm ²
518	HH 4430	1	STAIRWELL W	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.4	mg/cm ²
519	HH 4430	1	STAIRWELL W	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.23	mg/cm ²
520	HH 4430	1	STAIRWELL W		STAIRS	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
521	HH 4430	1	STAIRWELL W		STAIRS	CONCRETE	GRAY	DETERIORATED	Positive	1.5	mg/cm ²
522	HH 4430	1	STAIRWELL W		HAND RAIL	METAL	GRAY	DETERIORATED	Negative	0.26	mg/cm ²
523	HH 4430	1	STAIRWELL W		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
524	HH 4430	BASEMENT	1	SOUTH	DOOR	METAL	RED	INTACT	Positive	14.8	mg/cm ²

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**FORA
HH4430
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
525	HH 4430	BASEMENT	1	SOUTH	DOOR FRAME	METAL	RED	INTACT	Positive	9.3	mg/cm ²
526	HH 4430	BASEMENT	1	EAST	DOOR FRAME	METAL	GRAY	DETERIORATED	Positive	1.3	mg/cm ²
527	HH 4430	BASEMENT	1	EAST	DOOR	METAL	GRAY	DETERIORATED	Positive	1.2	mg/cm ²
528	HH 4430	BASEMENT	1		HAND RAIL	METAL	BLACK	DETERIORATED	Negative	0.4	mg/cm ²
529	HH 4430	BASEMENT	1		TANK	METAL	GRAY	DETERIORATED	Negative	0.01	mg/cm ²
530	HH 4430	BASEMENT	1		PIPE	METAL	BLUE	DETERIORATED	Negative	0.03	mg/cm ²
531	HH 4430	BASEMENT	1		STAIRS	CONCRETE	GRAY	DETERIORATED	Negative	0.7	mg/cm ²
532	HH 4430	BASEMENT	1	WEST	LOUVER	METAL	BLACK	DETERIORATED	Positive	5.5	mg/cm ²
533	HH 4430	BASEMENT	1		BOILER	METAL	SILVER	DETERIORATED	Negative	0.01	mg/cm ²
534	HH 4430	BASEMENT	1		BOILER	METAL	GRAY	DETERIORATED	Negative	0.3	mg/cm ²
535	HH 4430	BASEMENT	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
536	HH 4430	BASEMENT	1		PIPE	METAL	ORANGE	INTACT	Positive	2.8	mg/cm ²
537	HH 4430	BASEMENT	2	SOUTH	DOOR FRAME	METAL	GRAY, LIGHT	INTACT	Positive	2.9	mg/cm ²
538	HH 4430	BASEMENT	2	SOUTH	DOOR	METAL	BROWN, LIGHT	INTACT	Positive	1.7	mg/cm ²
539	HH 4430	BASEMENT	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
540	HH 4430	BASEMENT	2	SOUTH	WALL	CONCRETE	BROWN, LIGHT	INTACT	Negative	0.06	mg/cm ²
541	HH 4430	BASEMENT	2	SOUTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.5	mg/cm ²
542	HH 4430	BASEMENT	2	SOUTH	DOOR	METAL	BLACK	INTACT	Negative	0.02	mg/cm ²
543	HH 4430	BASEMENT	2	SOUTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.11	mg/cm ²
544	HH 4430	BASEMENT	2	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
545	HH 4430	BASEMENT	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	10.6	mg/cm ²
546	HH 4430	BASEMENT	3	EAST	COLUMN	CONCRETE	WHITE	INTACT	Positive	10.9	mg/cm ²
547	HH 4430	BASEMENT	3	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.08	mg/cm ²
548	HH 4430	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
549	HH 4430	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4430
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
550	HH 4430	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
551	HH 4430	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.6	mg/cm ²
552	HH 4430	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
553	HH 4430	2	1	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
554	HH 4430	2	2	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
555	HH 4430	2	3	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.15	mg/cm ²
556	HH 4430	2	3	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.13	mg/cm ²
557	HH 4430	2	3	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.11	mg/cm ²
558	HH 4430	2	3	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.06	mg/cm ²
559	HH 4430	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
560	HH 4430	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
561	HH 4430	3	1	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
562	HH 4430	3	STAIRWELL W	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
563	HH 4430	3	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
564	HH 4430	3	STAIRWELL W	WEST	LADDER	METAL	WHITE	DETERIORATED	Positive	2	mg/cm ²
565					CALIBRATE				Positive	1	mg/cm ²
566					CALIBRATE				Positive	1	mg/cm ²
567					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

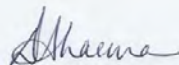
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71414-1
Client Project/Site: Building HH4430

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 3:43:14 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Job ID: 720-71414-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-71414-1

Comments

No additional comments.

Receipt

The samples were received on 4/8/2016 2:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.4° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4430-PCBO01 (720-71414-2), (LCS 720-200925/2-A), (MB 720-200925/1-A), (720-71414-A-2-B MS) and (720-71414-A-2-C MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Client Sample ID: HH4430-PCBO01

Lab Sample ID: 720-71414-2

No Detections.

1

2

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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Client Sample ID: HH4430-PCBO01

Lab Sample ID: 720-71414-2

Date Collected: 04/08/16 12:00

Matrix: Solid

Date Received: 04/08/16 14:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1400		ug/Kg		04/21/16 16:30	04/21/16 22:59	1
PCB-1221	ND		1400		ug/Kg		04/21/16 16:30	04/21/16 22:59	1
PCB-1232	ND		1400		ug/Kg		04/21/16 16:30	04/21/16 22:59	1
PCB-1242	ND		1400		ug/Kg		04/21/16 16:30	04/21/16 22:59	1
PCB-1248	ND		1400		ug/Kg		04/21/16 16:30	04/21/16 22:59	1
PCB-1254	ND		1400		ug/Kg		04/21/16 16:30	04/21/16 22:59	1
PCB-1260	ND		1400		ug/Kg		04/21/16 16:30	04/21/16 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	45		32 - 112	04/21/16 16:30	04/21/16 22:59	1
DCB Decachlorobiphenyl	77		2 - 122	04/21/16 16:30	04/21/16 22:59	1



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71414-2	HH4430-PCBO01	45	77
720-71414-2 MS	HH4430-PCBO01	49	86
720-71414-2 MSD	HH4430-PCBO01	50	82
LCS 720-200925/2-A	Lab Control Sample	46	83
MB 720-200925/1-A	Method Blank	66	85

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200925/1-A

Matrix: Solid

Analysis Batch: 200902

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/21/16 16:30	04/21/16 21:35	1
PCB-1221	ND		50		ug/Kg		04/21/16 16:30	04/21/16 21:35	1
PCB-1232	ND		50		ug/Kg		04/21/16 16:30	04/21/16 21:35	1
PCB-1242	ND		50		ug/Kg		04/21/16 16:30	04/21/16 21:35	1
PCB-1248	ND		50		ug/Kg		04/21/16 16:30	04/21/16 21:35	1
PCB-1254	ND		50		ug/Kg		04/21/16 16:30	04/21/16 21:35	1
PCB-1260	ND		50		ug/Kg		04/21/16 16:30	04/21/16 21:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		32 - 112	04/21/16 16:30	04/21/16 21:35	1
DCB Decachlorobiphenyl	85		2 - 122	04/21/16 16:30	04/21/16 21:35	1

Lab Sample ID: LCS 720-200925/2-A

Matrix: Solid

Analysis Batch: 200902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	79.4		ug/Kg		60	55 - 112
PCB-1260	133	100		ug/Kg		75	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	46		32 - 112
DCB Decachlorobiphenyl	83		2 - 122

Lab Sample ID: 720-71414-2 MS

Matrix: Solid

Analysis Batch: 200902

Client Sample ID: HH4430-PCB001

Prep Type: Total/NA

Prep Batch: 200925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		4000	3010		ug/Kg		75	69 - 120
PCB-1260	ND		4000	3230		ug/Kg		81	73 - 114

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	49		32 - 112
DCB Decachlorobiphenyl	86		2 - 122

Lab Sample ID: 720-71414-2 MSD

Matrix: Solid

Analysis Batch: 200902

Client Sample ID: HH4430-PCB001

Prep Type: Total/NA

Prep Batch: 200925

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	ND		3960	2900		ug/Kg		73	69 - 120	4	20
PCB-1260	ND		3960	2990		ug/Kg		76	73 - 114	8	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	50		32 - 112
DCB Decachlorobiphenyl	82		2 - 122

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

GC Semi VOA

Analysis Batch: 200902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71414-2	HH4430-PCBO01	Total/NA	Solid	8082	200925
720-71414-2 MS	HH4430-PCBO01	Total/NA	Solid	8082	200925
720-71414-2 MSD	HH4430-PCBO01	Total/NA	Solid	8082	200925
LCS 720-200925/2-A	Lab Control Sample	Total/NA	Solid	8082	200925
MB 720-200925/1-A	Method Blank	Total/NA	Solid	8082	200925

Prep Batch: 200925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71414-2	HH4430-PCBO01	Total/NA	Solid	3550B	
720-71414-2 MS	HH4430-PCBO01	Total/NA	Solid	3550B	
720-71414-2 MSD	HH4430-PCBO01	Total/NA	Solid	3550B	
LCS 720-200925/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-200925/1-A	Method Blank	Total/NA	Solid	3550B	

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Client Sample ID: HH4430-PCBO01

Lab Sample ID: 720-71414-2

Date Collected: 04/08/16 12:00

Matrix: Solid

Date Received: 04/08/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200925	04/21/16 16:30	BSY	TAL PLS
Total/NA	Analysis	8082		1	200902	04/21/16 22:59	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 2
- 3
- 4
- 5
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71414-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71414-2	HH4430-PCBO01	Solid	04/08/16 12:00	04/08/16 14:30

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71414-1

Login Number: 71414

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

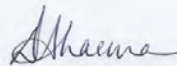
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71506-1
Client Project/Site: Building HH4430
Revision: 1

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
5/24/2016 5:13:40 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Job ID: 720-71506-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-71506-1

Comments

The report is revised to correct the sample ID.

No additional comments.

Receipt

The samples were received on 4/12/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a dilution due to the nature of the sample matrix: HH4430-PCBC01 (720-71506-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Client Sample ID: HH4430-PCBB01

Lab Sample ID: 720-71506-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	1000000000		45000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Client Sample ID: HH4430-PCBB01

Lab Sample ID: 720-71506-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1000000000		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:36	20000
PCB-1221	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:36	20000
PCB-1232	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:36	20000
PCB-1242	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:36	20000
PCB-1248	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:36	20000
PCB-1254	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:36	20000
PCB-1260	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:36	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	42 - 147	04/23/16 07:50	04/25/16 13:36	20000
DCB Decachlorobiphenyl	0	X D	30 - 148	04/23/16 07:50	04/25/16 13:36	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Waste

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (42-147)	DCB1 (30-148)
720-71506-2	HH4430-PCBB01	0 X D	0 X D
LCS 720-201028/2-A	Lab Control Sample	120	107
MB 720-201028/1-A	Method Blank	116	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201028/1-A
Matrix: Waste
Analysis Batch: 201029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1221	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1232	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1242	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1248	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1254	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1260	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		42 - 147				04/23/16 07:50	04/23/16 13:46	1
DCB Decachlorobiphenyl	105		30 - 148				04/23/16 07:50	04/23/16 13:46	1

Lab Sample ID: LCS 720-201028/2-A
Matrix: Waste
Analysis Batch: 201029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	%Rec.
PCB-1016	4000	4380		ug/Kg		110	85 - 153	
PCB-1260	4000	4110		ug/Kg		103	78 - 130	
LCS LCS								
Surrogate	%Recovery	Qualifier	Limits					
Tetrachloro-m-xylene	120		42 - 147					
DCB Decachlorobiphenyl	107		30 - 148					

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

GC Semi VOA

Prep Batch: 201028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71506-2	HH4430-PCBB01	Total/NA	Waste	3580A	
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 720-201028/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 201029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	8082	201028
MB 720-201028/1-A	Method Blank	Total/NA	Waste	8082	201028

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71506-2	HH4430-PCBB01	Total/NA	Waste	8082	201028

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Client Sample ID: HH4430-PCBB01

Lab Sample ID: 720-71506-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			201028	04/23/16 07:50	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 13:36	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 12
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- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71506-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71506-2	HH4430-PCBB01	Waste	04/12/16 11:00	04/12/16 13:50

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TestAmerica Pleasanton
1220 Quarry Lane

720-71506

Chain of Custody Record

167896

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DIV NPDES RCRA Other:

TestAmerica Laboratories, Inc.

Client Contact: Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8880
888-296-0271
FAX
FORA
HH 4430
161091001

Project Manager: Chris Burns
Toll/Fax: CALENDAR DAYS WORKING DAYS
TAT if different from Below: 2 weeks 1 week 2 days 1 day

Analysis Turnaround Time
Sample Date: 4/22/2016
Sample Time: 1100 G
Sample Type (C=Comp, G=Grab): Solid
Matrix: 1
Filtered Sample (Y/N):
Perform MS / MSD (Y/N):
8082 (3650 B or C)

Site Contact: _____
Carrier: _____
Date: _____
COC No: _____ of _____ COCs

Sampler: _____
For Lab Use Only:
Walk-In Client: _____
Lab Sampling: _____
Job / SDG No.: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Carrier	Date	Site Contact	Lab Contact	Sampler	For Lab Use Only
HH4430 -PCBB01	4/22/2016	1100 G	Solid		1		X						
Sample Specific Notes:													

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other: 1
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & mollie@vista-env.com
 Return to Client Dispose by Lab Archive for _____ Months

Custody Seals Intact: Yes No
Custody Seal No.: _____
Therm ID No.: _____

Relinquished by: *Paula J. Rocha*
Date/Time: 04/12/16 0900
Company: VISTA

Relinquished by: *[Signature]*
Date/Time: 04/12/16 1350
Company: VISTA

Received by: *[Signature]*
Date/Time: 04/12/16 0900
Company: VISTA

Received in Laboratory by: *[Signature]*
Date/Time: 04/12/16 1350
Company: VISTA

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71506-1

Login Number: 71506
List Number: 1
Creator: Arauz, Dennis

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

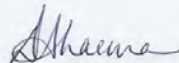
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71510-1
Client Project/Site: Building HH4430

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 3:56:59 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Job ID: 720-71510-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71510-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: HH4430-PCBC01 (720-71510-1).

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4430-PCBC01 (720-71510-1), (LCS 720-200673/2-A) and (MB 720-200673/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Client Sample ID: HH4430-PCBC01

Lab Sample ID: 720-71510-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	300		50		ug/Kg	1		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Client Sample ID: HH4430-PCBC01

Lab Sample ID: 720-71510-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:51	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:51	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:51	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:51	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:51	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:51	1
PCB-1260	300		50		ug/Kg		04/18/16 09:59	04/19/16 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	56		45 - 132	04/18/16 09:59	04/19/16 02:51	1
DCB Decachlorobiphenyl	55		42 - 146	04/18/16 09:59	04/19/16 02:51	1

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71510-1	HH4430-PCBC01	56	55
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

GC Semi VOA

Analysis Batch: 200669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71510-1	HH4430-PCBC01	Total/NA	Solid	8082	200673

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71510-1	HH4430-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Client Sample ID: HH4430-PCBC01

Lab Sample ID: 720-71510-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 09:59	KMK	TAL PLS
Total/NA	Analysis	8082		1	200669	04/19/16 02:51	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 2
- 3
- 4
- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4430

TestAmerica Job ID: 720-71510-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71510-1	HH4430-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71510-1

Login Number: 71510

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	90	mg/kg	20	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
Zn	130	mg/kg	10	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001	Date: 4/13/16	
	Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day		
	Due Date:	Due Time:	
	<input type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000		
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402		
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield		
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %		
Site: FORA	<input type="checkbox"/> TEM Microvac		
Job: HH	<input type="checkbox"/> Special Project:		
<input checked="" type="checkbox"/> Metals Analysis: Method Waste			
Matrix: Solid			
Analytes: CAM 17			

Comments / Email Reports To:
 chrisburns@vista-env.com & molli@vista-env.com

Hold for Possible TCLP & STLC

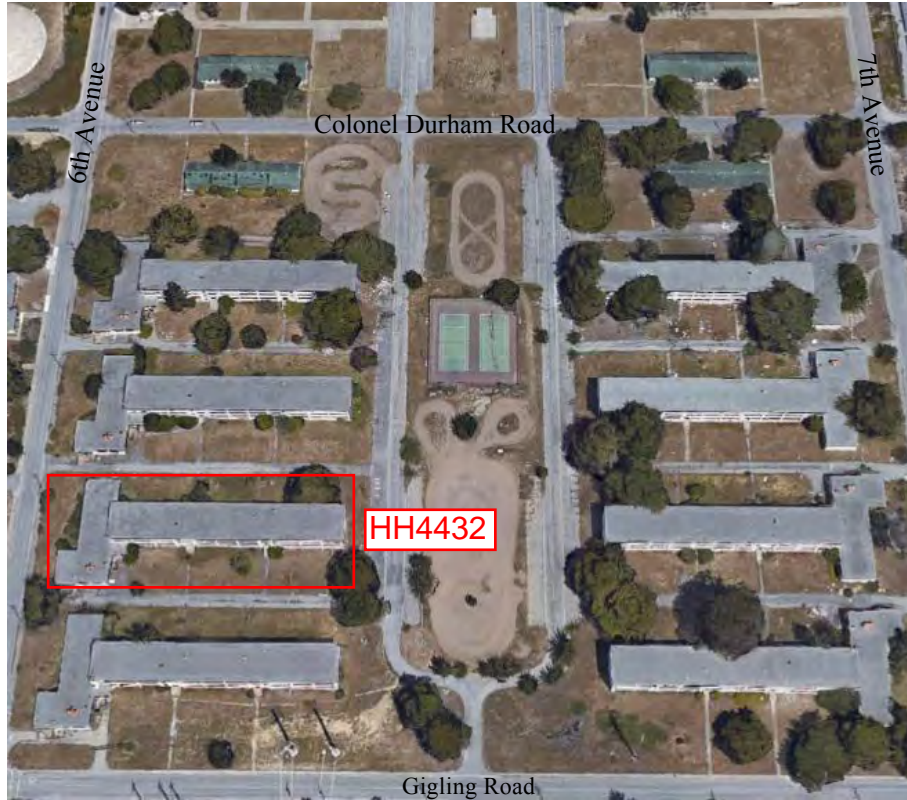
Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
HH-T22-01	4/13/16	Interior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-02	4/13/16	Exterior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-03	4/13/16	Ceramic Tile/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-04	4/13/16	CMU-94%, Roofing-4%, Plaster/Stucco/Wallboard/Wood (painted and not)-2%	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		(% by Weight)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/13/16 Time: 0900

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other:

Relinquished by: Date / Time: 4/13/16, 0900	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: Date / Time:	Received by: Date / Time:	Received by: Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING HH4432



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING HH4432

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, M, R, S, Y, Z, HH, J3, M3 to S3)	Vinyl Floor Tile/Mastic	9" Black, Green, Tan, Light Blue, Dark Blue, Brown, Black with White, Black with Pink, Pink and 12" Light Brown, Off-White, Beige, Off-White with Gray, Gray/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories and Storage. This material is under newer CMU walls, a wooden stage in the head, and under ceramic tiles located in bedrooms.	Class II	Category I - Non-Friable	29,750 SF
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II- Non-Friable	420 SF

BUILDING HH4432

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
PP	Window Putty	White	Windows Except Restrooms	Class II	Category II-Non-Friable	8,200 SF (99 Windows)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
WW	Sealant	Black, Window Frame	Restroom, Aluminum Windows	Class II	Category I - Non-Friable	45 SF (540 LF)
YY	Insulation	White, Wire	Handle, Basement, Armory, North West of Distribution Counter: Electrical Box. May be inside additional electrical boxes.	Class II	Friable (RACM when Removed)	5 SF
ZZ	Insulator	Black, Electrical Box	Head, Kitchen Entrance Electrical Box. May be inside additional electrical boxes.	Class II	Category II-Non-Friable	5 SF

BUILDING HH4432 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	65 SF
F3	Flex Connector	White, HVAC	Head Roof on HVAC	Class I	Friable (RACM when Removed)	5 SF
T3	Gasket	Gray & Black, Valves	Mechanical Room	Class II	Category I - Non-Friable	5 SF (2 Each)
U3	Glazing	Tan, Window, Interior	Kitchen Office Window	Class II	Category II - Non-Friable	100 SF (Windows)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
285	1	Outside	East	Dock	Concrete	Beige	Deteriorated	14.3	mg/cm ²
289	1	Outside	South	Stairs	Concrete	Brown	Deteriorated	2.7	mg/cm ²
295	1	Outside	South	Louver	Metal	Beige	Intact	1.5	mg/cm ²
302	1	Outside	South	Window	Metal	Brown	Intact	3.2	mg/cm ²
304	1	Outside	South	Stairs	Concrete	Yellow	Deteriorated	4.2	mg/cm ²
305	1	Outside	South	Door Frame	Metal	Brown	Deteriorated	1.8	mg/cm ²
310	1	Outside	North	Window	Metal	Brown	Intact	3.3	mg/cm ²
311	1	Outside	North	Door Frame	Metal	Brown	Intact	1.5	mg/cm ²
313	1	1	South	Window Frame	Metal	Brown	Intact	3	mg/cm ²
317	1	1	North	Window Frame	Wood	Brown	Intact	1	mg/cm ²
324	1	2	North	Wall	Concrete	Blue	Intact	1.4	mg/cm ²
325	1	2	North	Window Sill	Concrete	Blue	Intact	1.3	mg/cm ²
327	1	2	North	Window Frame	Wood	Blue	Intact	1.3	mg/cm ²
328	1	3	West	Window Sill	Concrete	Brown	Intact	1.4	mg/cm ²
334	1	3	East	Radiator	Metal	Brown	Intact	1.2	mg/cm ²
338	1	4	South	Wall	Concrete	White	Intact	1.9	mg/cm ²

BUILDING HH4432 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
340	1	4	West	Column	Concrete	White	Deteriorated	3.3	mg/cm ²
341	1	4	East	Window	Metal	Brown	Deteriorated	1.7	mg/cm ²
351	1	5	North	Column	Concrete	White	Intact	1.3	mg/cm ²
356	1	5	South	Wall	Concrete	White	Intact	1.7	mg/cm ²
365	1	6	South	Wall	Ceramic	White	Intact	9	mg/cm ²
368	1	6	East	Wall	Concrete	White	Intact	1.8	mg/cm ²
374	1	7	North	Wall	Ceramic	Yellow	Intact	17.4	mg/cm ²
381	1	Stairwell E	North	Wall	Concrete	White	Intact	1.9	mg/cm ²
382	1	Stairwell E		Stairs	Concrete	White	Intact	1.4	mg/cm ²
384	1	Stairwell E		Stairs	Concrete	Yellow	Intact	5	mg/cm ²
394	Basement	2		Floor	Concrete	Yellow	Intact	3.8	mg/cm ²
398	Basement	2	North	Door	Metal	Yellow	Intact	2	mg/cm ²
399	Basement	2	North	Door Frame	Metal	Red	Intact	2.7	mg/cm ²
400	Basement	3	North	Door Frame	Metal	Orange	Intact	28.2	mg/cm ²
401	Basement	3	North	Door	Metal	Orange	Intact	8	mg/cm ²
402	Basement	3	East	Door	Metal	Brown	Intact	1	mg/cm ²
403	Basement	3	East	Door Frame	Metal	Brown	Intact	1.4	mg/cm ²
404	2	1	South	Door Frame	Metal	Brown	Intact	1.5	mg/cm ²
405	2	1	South	Door Frame	Metal	Brown	Intact	3.4	mg/cm ²
427	3	Stairwell W	West	Ladder	Metal	White	Deteriorated	1.8	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING HH4432

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING HH4432

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Transformers	Polychlorinated Biphenyls	1

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4432-PCBB01	Ballast Capacitor Oil	PCB-1016	340,000	mg/kg
HH4432-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.45	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4432

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Insulator Paper	Brown, Electrical Box	1
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	2
J	Wallboard/Joint Compound	White/White	1
K	Texture Coat	White, Small	3
L	Not Used	Not Used	Not Used
M	Vinyl Floor Tile/Mastic	12" Light Brown/Black	2
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White, Brown Streaks/Black	2
S	Vinyl Floor Tile/Mastic	9" Green/Black	1
T	Not Used	Not Used	Not Used
U	Not Used	Not Used	Not Used
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4432

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Basecove/Mastic	4" Beige/Brown	2
X	Basecove/Mastic	4" Black/Brown	1
Y	Vinyl Floor Tile/Mastic	9" Tan/Black	1
Z	Vinyl Floor Tile/Mastic	9" Light Blue/ Black	1
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Lateral Fissure	1
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Not Used	Not Used	Not Used
GG	Acoustic Ceiling Panel	2x4 White, Gouge Fiberglass	1
HH	Vinyl Floor Tile/Mastic	12" Beige/Black with Brown Streaks	1
II	Vinyl Floor Tile/Mastic	12" White/ Black. With Black Streaks	2
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Acoustic Ceiling Tile	12" White Uniform Hole	1
OO	Not Used	Not Used	Not Used
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1




BUILDING HH4432

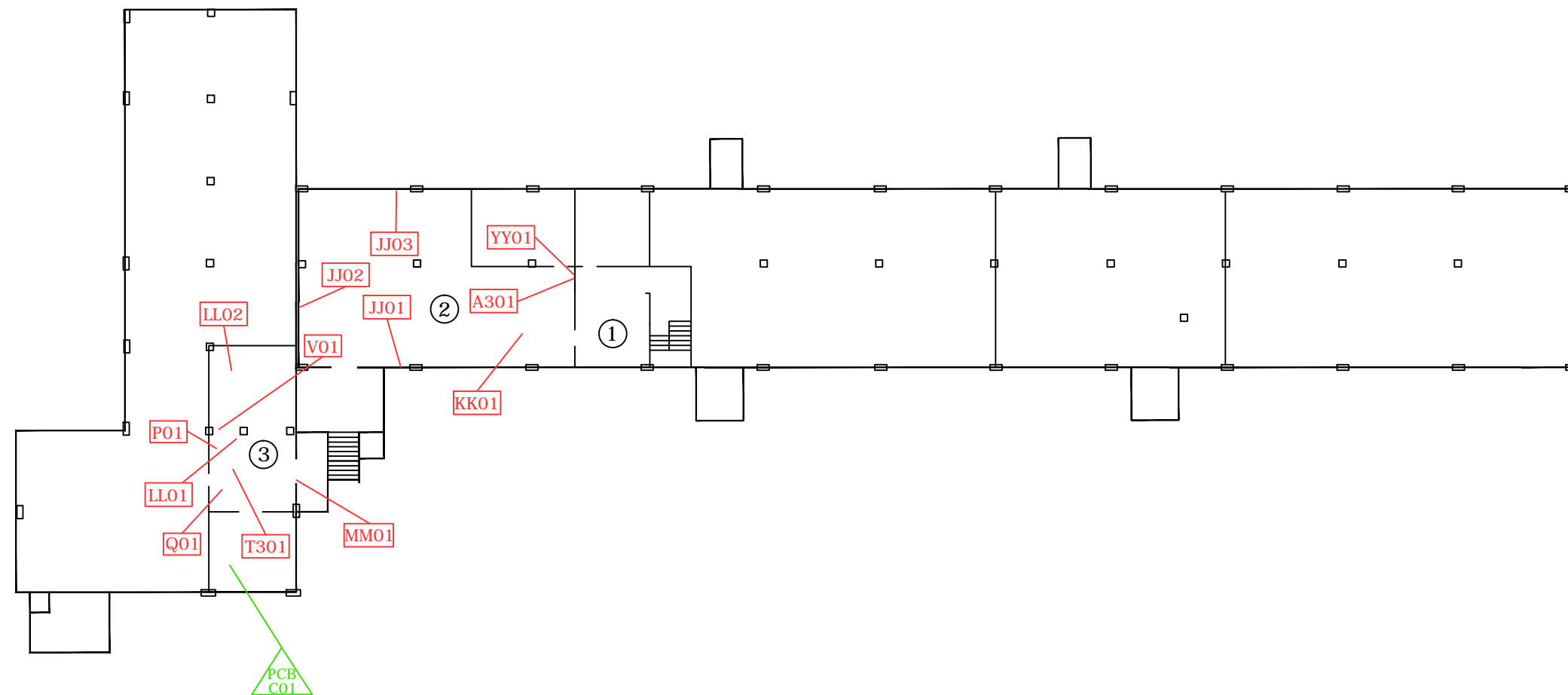
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Insulation	White, Wire	1
ZZ	Insulator	Black, Electrical Box	1
A3	Insulation Paper	Black, Electrical Box	1
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation Subsurface	1
I3	Paint/Plaster	White/Gray	2
J3	Vinyl Floor Tile/Mastic	12" Green/Black	2
K3	Texture Coat	White, Medium	5
L3	Wallboard/Joint Compound	White/White	1
M3	Vinyl Floor Tile/Mastic	9" Dark Blue/ Black	1
N3	Vinyl Floor Tile/Mastic	9" Brown/Black	1

BUILDING HH4432
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
O3	Vinyl Floor Tile/Mastic	12" Off-White with Gray Streaks/Black	1
P3	Vinyl Floor Tile/Mastic	9" Black with White Streaks/Black	1
Q3	Vinyl Floor Tile/Mastic	9" Black with Pink Streaks/Black	1
R3	Vinyl Floor Tile/Mastic	9" Pink/Black	1
S3	Vinyl Floor Tile/Mastic	12" Gray Streaked/Black	1
T3	Gasket	Gray & Black, Valves	1
U3	Glazing	Tan, Interior Window	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






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 SAN LEANDRO, CA 94577
 510-346-8860

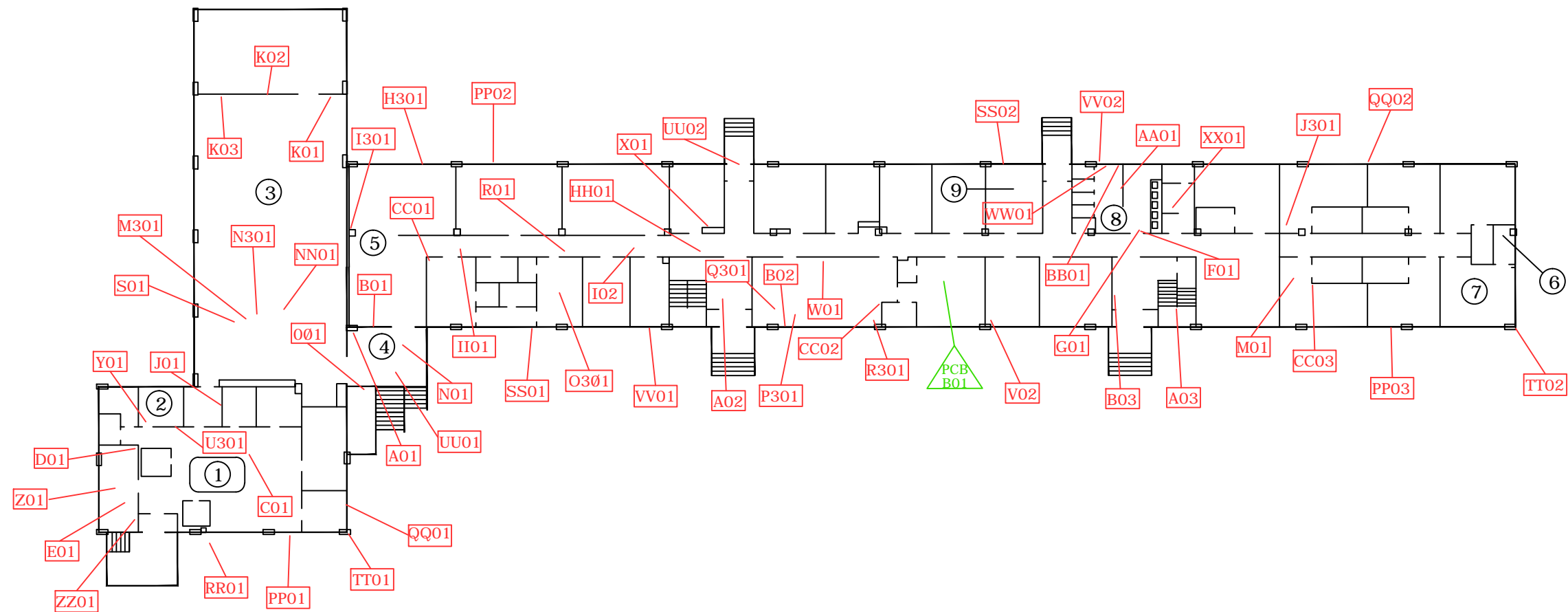
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING HH4432
 SAMPLE LOCATIONS
 BASEMENT

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 HH4432

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

FORA
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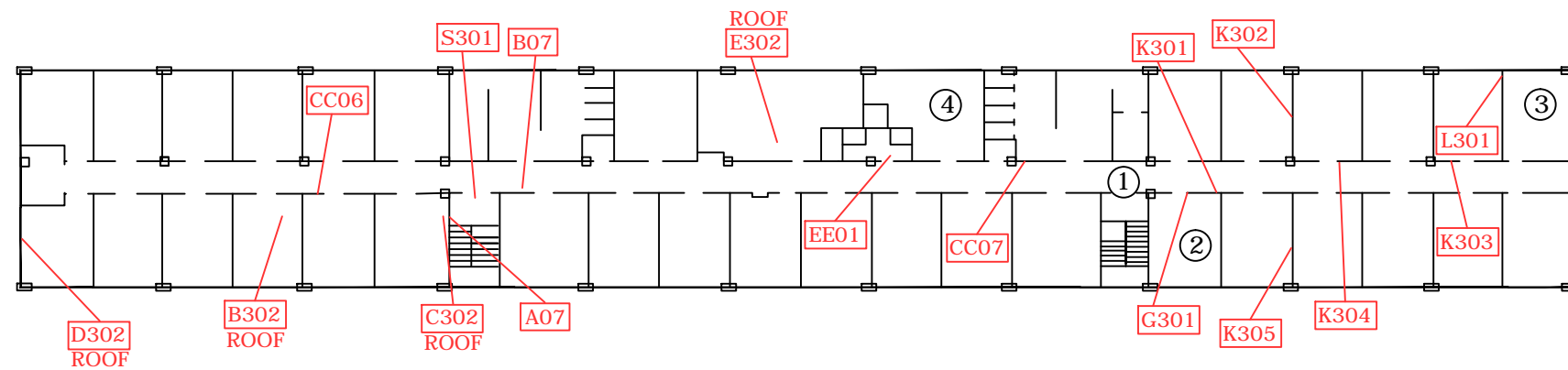
SHEET TITLE

BUILDING HH4432
 SAMPLE LOCATIONS
 FIRST FLOOR




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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

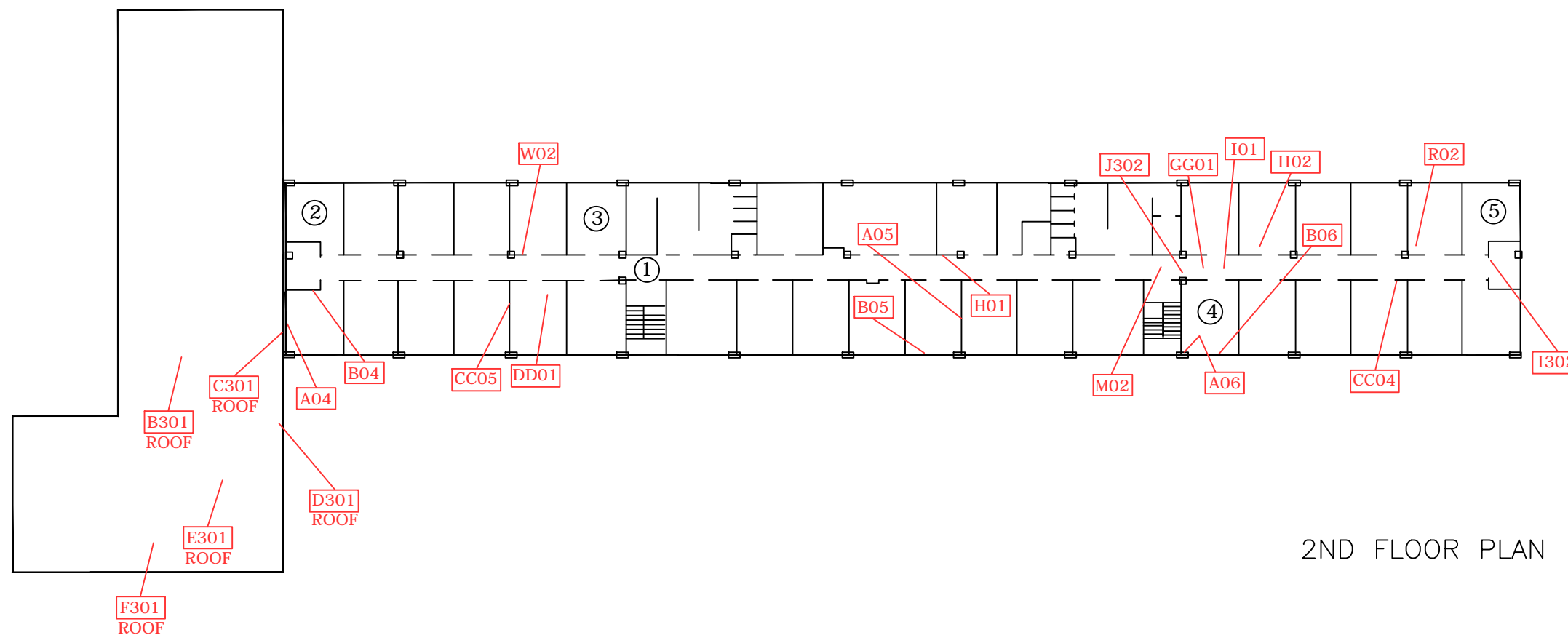
FIGURE

HH4432



3RD FLOOR PLAN

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



2ND FLOOR PLAN



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SHEET TITLE



BUILDING HH4432
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

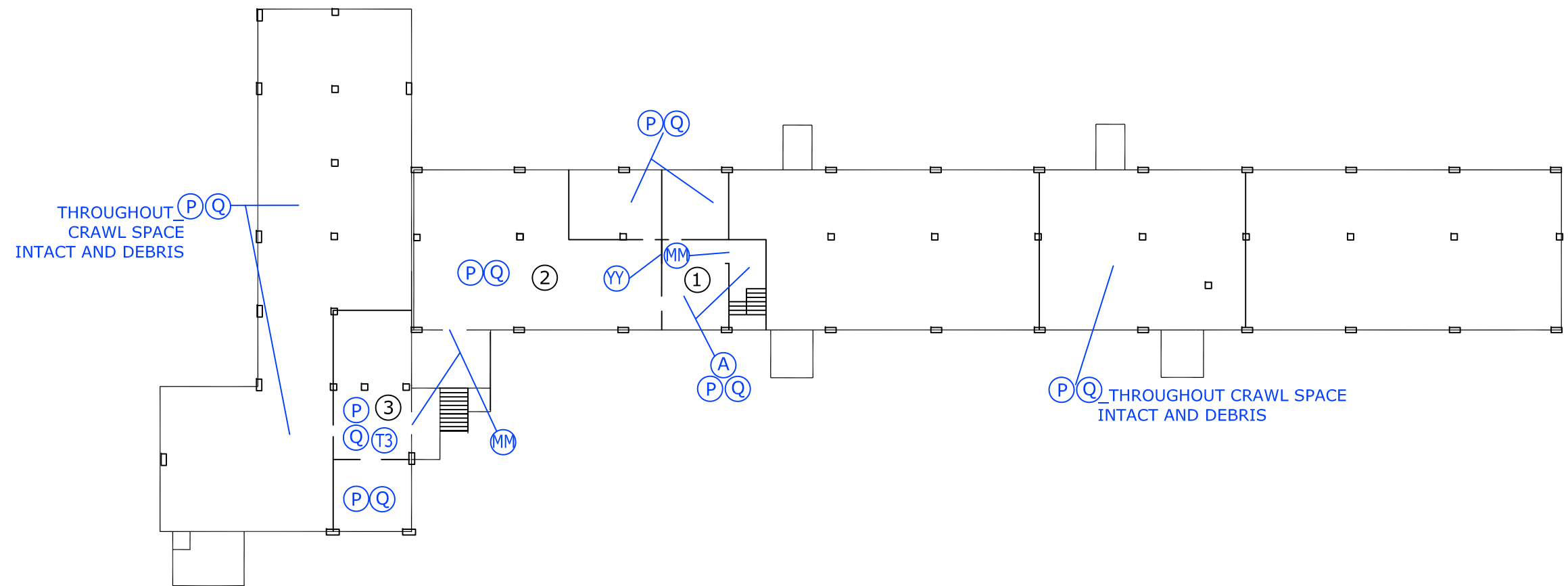
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 DRAWN BY: ADF
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 PROJECT No.
 DATE: 05/21/2016
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FIGURE

HH4432



LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS





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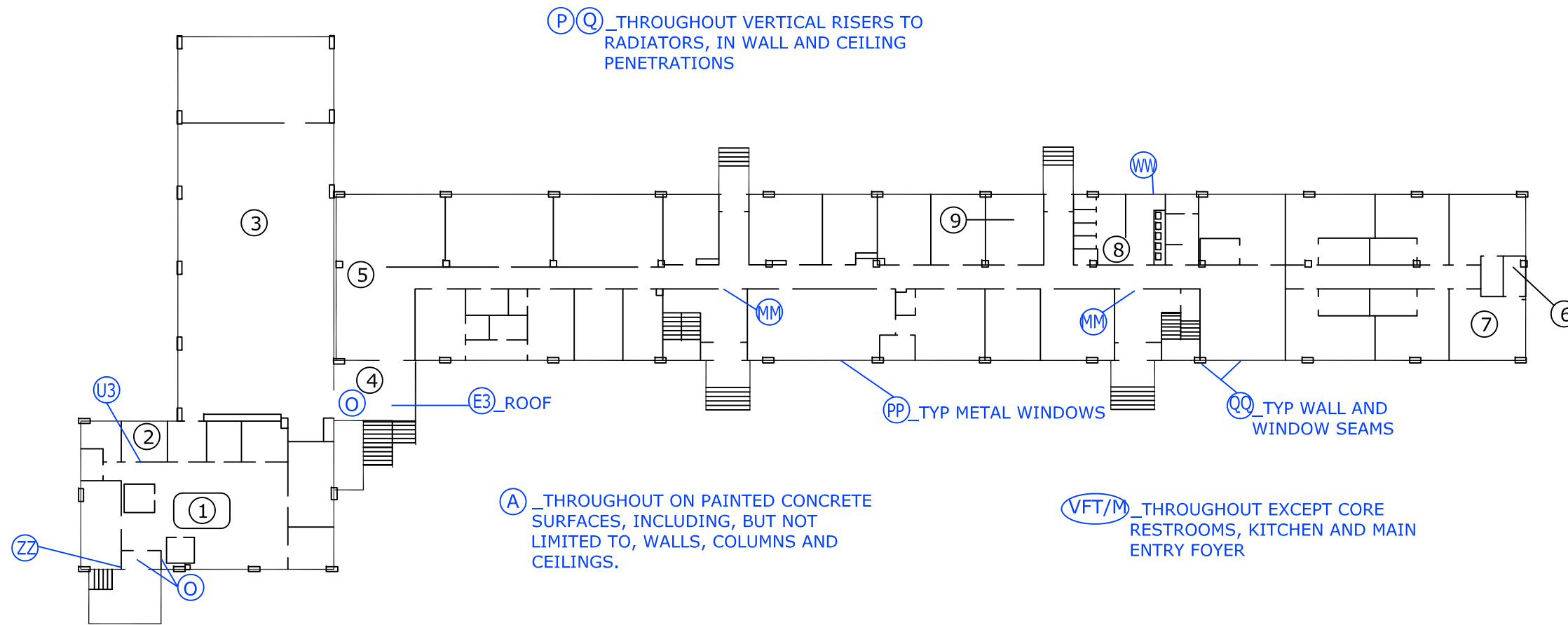
PROJECT TITLE
 FORA
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SHEET TITLE
 BUILDING HH4432
 MATERIAL LOCATIONS
 BASEMENT

SCALE: 1" = 30'
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE
 HH4432

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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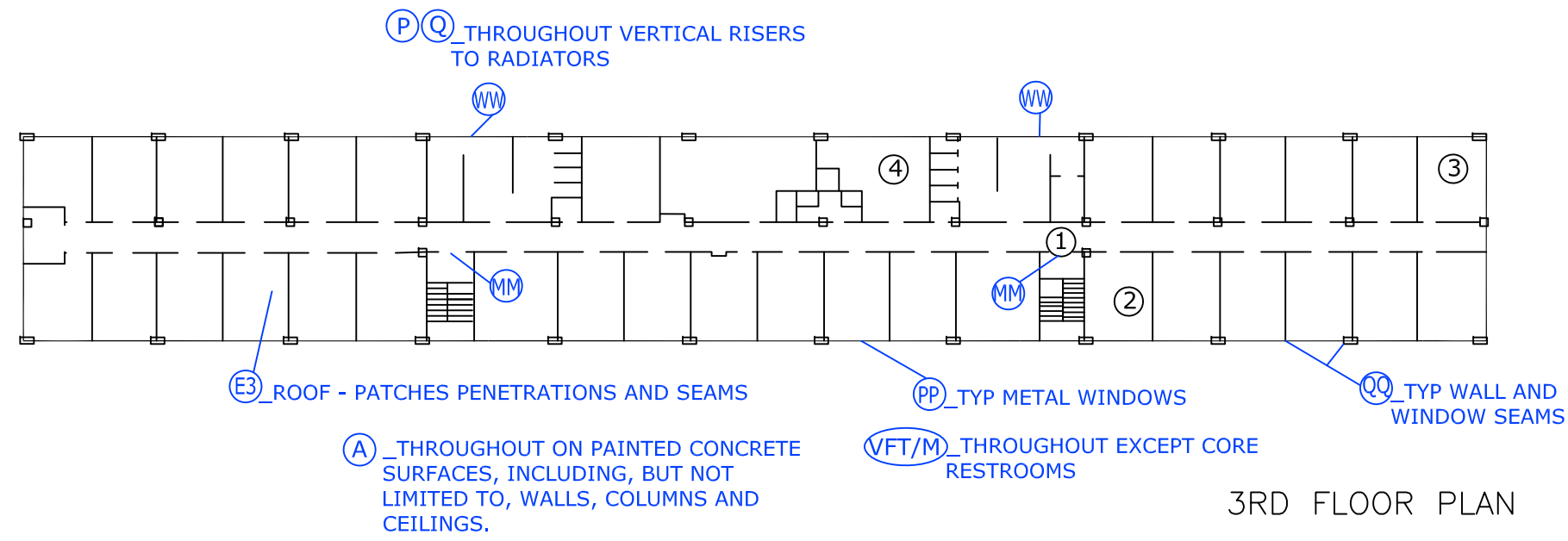
SHEET TITLE

BUILDING HH4432
 MATERIAL LOCATIONS
 FIRST FLOOR

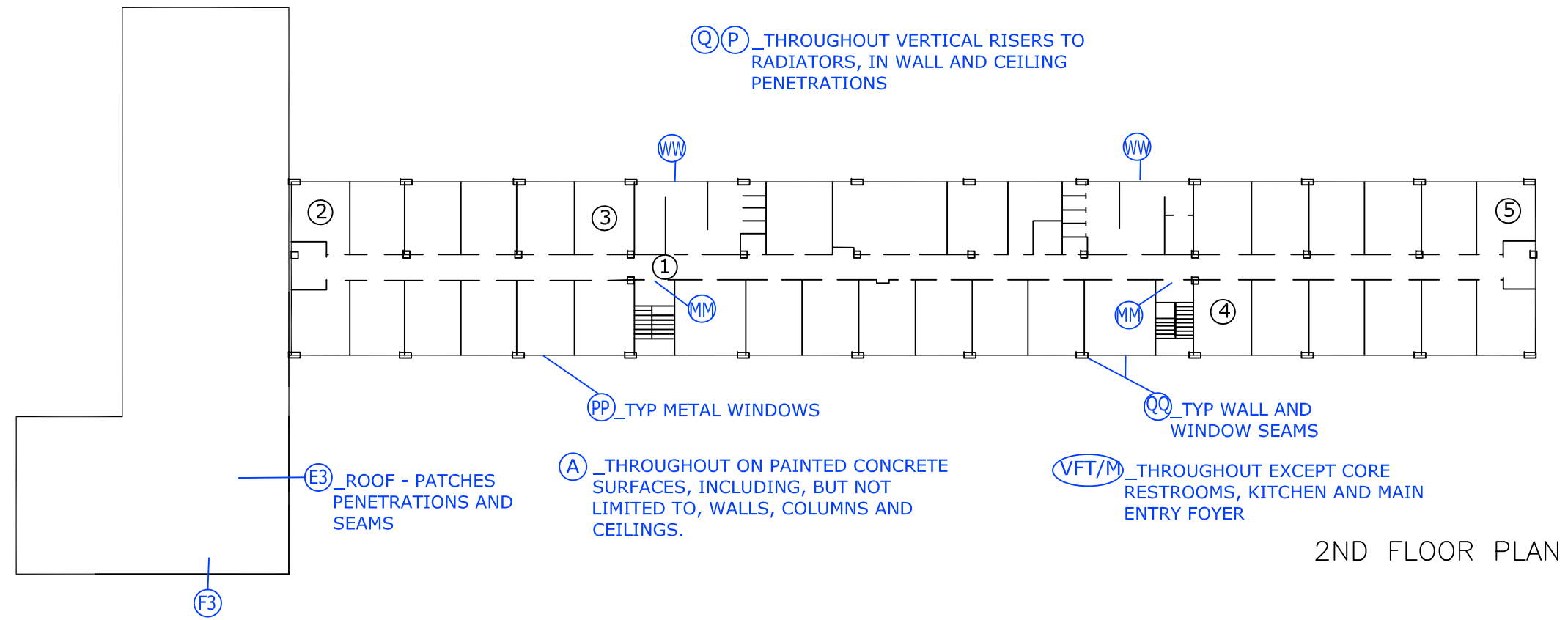
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FIGURE

HH4432



LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE
 BUILDING HH4432
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

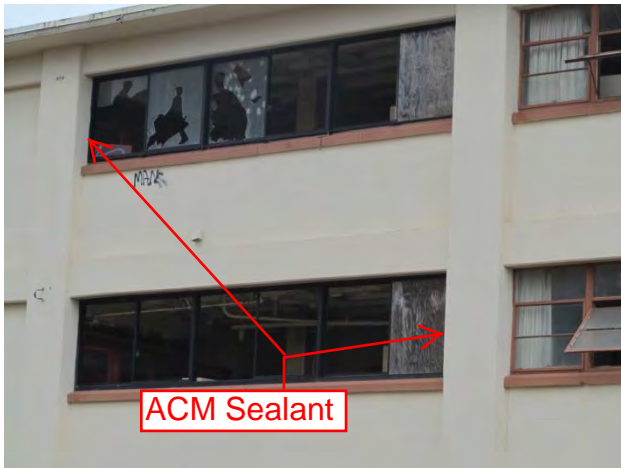
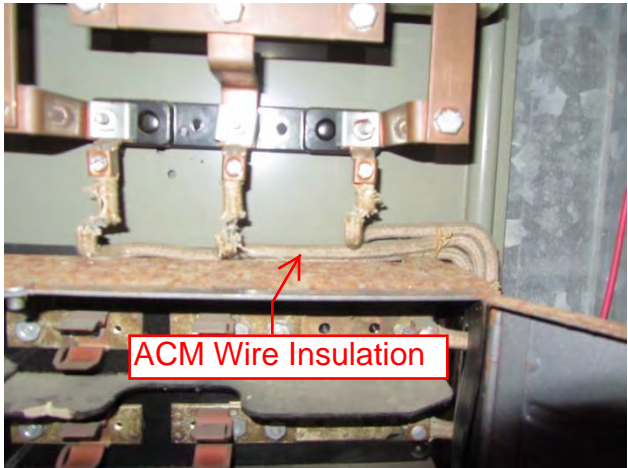
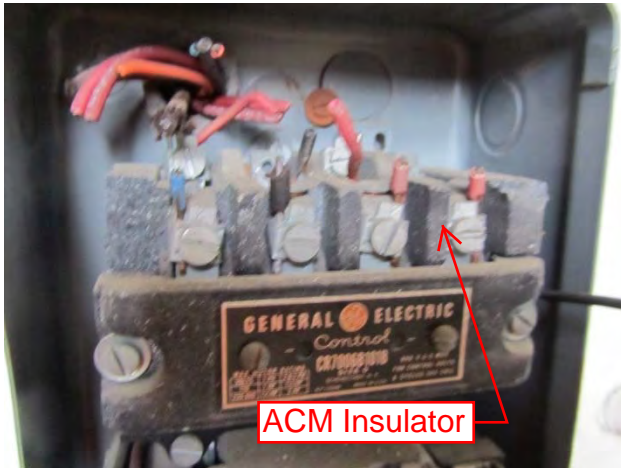
SCALE: 1" = 30'
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FIGURE
 HH4432

BUILDING HH4432
PHOTO DOCUMENTATION



BUILDING HH4432
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218770
Date Received: 03/28/16
Date Analyzed: 03/31/16
Date Printed: 03/31/16
First Reported: 03/31/16

Job ID/Site: 161091001 - Fora, HH4432

FALI Job ID: L1161
Total Samples Submitted: 112
Total Samples Analyzed: 112

Date(s) Collected: 03/24/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-A01	11747517						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-A02	11747518						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-A03	11747519						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-A04	11747520						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-A05	11747521						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-A06	11747522						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-A07	11747523						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-B01	11747524						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-B02	11747525						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-B03	11747526						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-B04	11747527						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-B05	11747528						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-B06	11747529						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-B07	11747530						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-C01	11747531						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-D01	11747532						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-E01	11747533						
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4432-F01	11747534						
Layer: Brown Ceramic Tile			ND				
Layer: Grey Grout			ND				
Layer: White Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-G01	11747535						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Synthetic (10 %)							
HH4432-H01	11747536						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HH4432-I01	11747537						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4432-I02	11747538						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4432-J01	11747539						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
HH4432-K01	11747540						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-K02	11747541						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4432-K03	11747542						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4432-M01	11747543						
Layer: Light Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4432-M02	11747544						
Layer: Light Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4432-N01	11747545						
Layer: Pink Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)		Asbestos (ND)					
HH4432-O01	11747546						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (15%)					
HH4432-P01	11747547						
Layer: White Semi-Fibrous Material		Amosite	10 %	Chrysotile	2 %		
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (12%)					
HH4432-Q01	11747548						
Layer: White Semi-Fibrous Material		Amosite	10 %	Chrysotile	2 %		
Layer: Grey Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (12%)					
HH4432-R01	11747549						
Layer: Off-White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					

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Report Number: B218770

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-R02	11747550						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4432-S01	11747551						
Layer: Green Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
HH4432-V01	11747552						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
HH4432-V02	11747553						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
HH4432-W01	11747554						
Layer: Beige Tile			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-W02	11747555						
Layer: Beige Tile			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-X01	11747556						
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-Y01	11747557						
Layer: Tan Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							

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Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-Z01	11747558						
Layer: Blue Green Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4432-AA01	11747559						
Layer: White Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-BB01	11747560						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-CC01	11747561						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-CC02	11747562						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-CC03	11747563						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-CC04	11747564						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-CC05	11747565						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-CC06	11747566						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-CC07	11747567						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-DD01	11747568						
Layer: Yellow Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4432-EE01	11747569						
Layer: Yellow Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4432-GG01	11747570						
Layer: Black Semi-Fibrous Tar			ND				
Layer: White Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Synthetic (5 %)							
HH4432-HH01	11747571						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-II01	11747572						
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-II02	11747573						
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-JJ01	11747574						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-JJ02	11747575						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-JJ03	11747576						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-KK01	11747577						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (15 %)							
HH4432-LL01	11747578						
Layer: White Woven Material			ND				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %) Fibrous Glass (10 %)							
HH4432-LL02	11747579						
Layer: White Woven Material			ND				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %) Fibrous Glass (10 %)							
HH4432-MM01	11747580						
Layer: Light Grey Fibrous Material		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (70%)					
Cellulose (25 %)							
HH4432-NN01	11747581						
Layer: Orange Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4432-PP01	11747582						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-PP02	11747583						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-PP03	11747584						
Layer: White Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4432-QQ01	11747585						
Layer: Black Fibrous Material			ND				
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (40 %)							
HH4432-QQ02	11747586						
Layer: Black Fibrous Material			ND				
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (40 %)							
HH4432-RR01	11747587						
Layer: Grey Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-SS01	11747588						
Layer: Tan Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-SS02	11747589						
Layer: Tan Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-TT01	11747590						
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-TT02	11747591						
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-UU01	11747592						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-UU02	11747593						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-VV01	11747594						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-VV02	11747595						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-WW01	11747596						
Layer: Black Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace) Synthetic (10 %)							
HH4432-XX01	11747597						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Synthetic (75 %)							
HH4432-YY01	11747598						
Layer: White Fibrous Material			ND				
Layer: Off-White Fibrous Material		Chrysotile	50 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (70 %) Synthetic (10 %)							
HH4432-ZZ01	11747599						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4432-A301	11747600						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (85 %) Synthetic (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-B301	11747601						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4432-B302	11747602						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4432-C301	11747603						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4432-C302	11747604						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-D301	11747605						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4432-D302	11747606						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4432-E301	11747607						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4432-E302	11747608						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4432-F301	11747609						
Layer: White Fibrous Material		Chrysotile	80 %				
Layer: Red Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (78%)					
Synthetic (15 %)							
HH4432-G301	11747610						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4432-I301	11747611						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-I302	11747612						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-J301	11747613						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-J302	11747614						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-K301	11747615						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-K302	11747616						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-K303	11747617						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-K304	11747618						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4432-K305	11747619						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-L301	11747620						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
HH4432-M301	11747621						
Layer: Blue Green Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
HH4432-N301	11747622						
Layer: Brown Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4432-O301	11747623						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-P301	11747624						
Layer: Black Tile		Chrysotile	2 %				
Layer: Black/Tan Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4432-Q301	11747625						
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4432-R301	11747626						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Black/Brown Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4432-S301	11747627						
Layer: Grey Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218770

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-T301	11748627						
Layer: Dark Grey Semi-Fibrous Material		Chrysotile	20 %				
Layer: Red Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (19%)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008088
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - Fora, HH4432

FALI Job ID: L1161

PLM Report Number: B218770

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4432-A01	11747517	Off-White Skimcoat

Point Count Results:

Number of asbestos points counted: 3

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4432-A02	11747518	Off-White Skimcoat
-------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted: 3

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4432-A03	11747519	Off-White Skimcoat
-------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted: 2

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008088
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - Fora, HH4432

FALI Job ID: L1161

PLM Report Number: B218770

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Total Samples Analyzed: 7

Sample Preparation and Analysis:

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Sample ID	Lab Number	Layer Description
HH4432-A04	11747520	Off-White Skimcoat

Point Count Results:

Number of asbestos points counted: 3

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4432-A05	11747521	Off-White Skimcoat
-------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted: 2

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4432-A06	11747522	Off-White Skimcoat
-------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted: 3

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008088
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - Fora, HH4432

FALI Job ID: L1161

PLM Report Number: B218770

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample Preparation and Analysis:

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Sample ID	Lab Number	Layer Description
HH4432-A07	11747523	Off-White Skimcoat

Point Count Results:

Number of asbestos points counted:	2
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/24/16

LOCATION: HH 4432

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	A	01	PAINT/SKIM COAT	WHITE/WHITE, CONCRETE		
HH4432	A	02				
HH4432	A	03				
HH4432	A	04				
HH4432	A	05				
HH4432	A	06				
HH4432	A	07				
HH4432	B	01	PAINT/SKIM COAT	WHITE/WHITE, CMU		
HH4432	B	02				
HH4432	B	03				

ANALYTICAL METHOD: PLM ~~400 FT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS Via E-MAIL: CHRISBURNS@VISTA-ENV.COM
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LUIS JAVIER ROCHA
PRINTED NAME

S. Hollister
PRINTED NAME

PRINTED NAME

03/24/16
RECEIVED DATE/TIME

MAR 28 2016
DATE/TIME

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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	B	04				
HH4432	B	05				
HH4432	B	06				
HH4432	B	07				
HH4432	C	01	MORTAR/GROUT	GRAY/GRAY, FLOOR		
HH4432	D	01	MORTAR/GROUT	GRAY/GRAY, WALL		
HH4432	E	01	VFT/MAS	9" BLACK/BLACK		
HH4432	F	01	MORTAR/GROUT	WHITE/GRAY, FLOOR		
HH4432	G	01	VAPOR BARRIER	BLACK, FLOOR		
HH4432	H	01	INSULATOR PAPER	BROWN, ELEC BOX		


ANALYTICAL METHOD: PLM ~~4000 FT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
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CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	I	01	ACP	2'x4' WHITE, GOUGE PINHOLE		
HH4432	I	02	↓	↓		
HH4432	J	01	W/B/SC	WHITE/WHITE		
HH4432	K	01	TEXTURE COAT	WHITE, SMALL		
HH4432	K	02	↓	↓		
HH4432	K	03	↓	↓		
HH4432	M	01	VFT/MAS	12" LIGHT BROWN/BROW		
HH4432	M	02	↓	↓		
HH4432	N	01	WALLBOARD	WHITE, CEILING		
HH4432	O	01	CEMENT PANEL	GRAY, WALL		

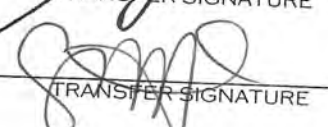
ANALYTICAL METHOD: PLM ~~4000 FT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
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CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	P	01	TSI	WHITE 4"-6" OD PIPES		
HH4432	Q	01	TSI	WHITE, 4"-6" OD FITTINGS		
HH4432	R	01	VFT/MAS	12" OFF-WHITE/BLACK		
HH4432	R	02	↓	↓		
HH4432	S	01	VFT/MAS	9" GREEN/BLACK		
HH4432	V	01	JACKETING	WHITE, PIPES		
HH4432	V	02	↓	↓		
HH4432	W	01	BASECOVE/MAS	4" BEIGE/BROWN		
HH4432	W	02	↓	↓		
HH4432	X	01	BASECOVE/MAS	4" BLACK/BROWN		

ANALYTICAL METHOD: PLM 400 FT-COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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S. Hollister
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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	Y	01	VFT/MAS	9" TAN / BLACK		
HH4432	Z	01	VFT/MAS	9" LIGHT BLUE / BLACK		
HH4432	AA	01	MORTAR/GROUT	WHITE / WHITE, WALL		
HH4432	BB	01	VAPOR PAPER	BLACK, FLOOR		
HH4432	CC	01	PAINT/MU/GROUT	WHITE / GRAY / GRAY, NEW		
HH4432	CC	02				
HH4432	CC	03				
HH4432	CC	04				
HH4432	CC	05				
HH4432	CC	06				

ANALYTICAL METHOD: PLM 466 FT-COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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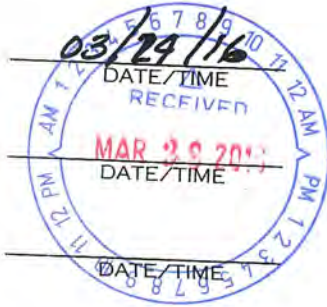
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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	CC	07	↓	↓		
HH4432	DD	01	ACD	2'x4' WHITE, LATERAL FISSURE		
HH4432	EE	01				
HH4432	GG	01	MORTAR/ROOT BARRIER	GRY/GRAY/BLACK		
HH4432	HH	01	VFT/MAS	12" BEIGE/BLACK		
HH4432	II	01	VFT/MAS	12" WHITE BLACK-STREAKS/BLACK		
HH4432	II	02	↓	↓		
HH4432	JJ	01	PAINT/CONCRETE	WHITE/GRAY, BASEMENT		
HH4432	JJ	02	↓	↓		
HH4432	JJ	03	↓	↓		

ANALYTICAL METHOD: PLM ~~4000 FT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM

QUESTIONS CALL: 510.658.8860

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S. Hollister
PRINTED NAME

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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	KK	01	INSULATION	BLACK, WIRE		
HH4432	LL	01	JACKETING	WHITE, TANK		
HH4432	LL	02	↓	↓		
HH4432	MM	01	INSULATION	WHITE, FIRE DOOR		
HH4432	NN	01	ACT	12" WHITE, UNIFORM HOLE		
HH4432	PP	01	PUTTY	WHITE, WINDOW		
HH4432	PP	02	↓	↓		
HH4432	PP	03	↓	↓		
HH4432	QQ	01	SEALANT/EXPANSION JOINT	TAN/BROWN		
HH4432	QQ	02	↓	↓		


ANALYTICAL METHOD: PLM ~~400PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY


DATA SENT TO:

CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. 
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TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

S. HOLLISTER
PRINTED NAME

PRINTED NAME



ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	RR	01	COATING	GRAY, EXTERIOR		
HH4432	SS	01	SEALANT	TAN, WINDOW FRAME		
HH4432	SS	02	↓	↓		
HH4432	TT	01	PAINT	WHITE, EXTERIOR		
HH4432	TT	02	↓	↓		
HH4432	UU	01	CONCRETE	GRAY, STRUCTURAL		
HH4432	UU	02	↓	↓		
HH4432	VV	01	PAINT/CNV/HOODING	WHITE/GRAY/GRAY, EXTERIOR		
HH4432	VV	02	↓	↓		
HH4432	WW	01	SEALANT	BLACK, WINDOW FRAME		

ANALYTICAL METHOD: PLM 400 PFC COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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S. MILLISTER
PRINTED NAME

PRINTED NAME



ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	XX	01	GASKET	BLACK, LIGHT		
HH4432	YY	01	INSULATION	WHITE, WIRE		
HH4432	ZZ	01	INSULATOR	BLACK, ELECT BOX		
HH4432	A3	01	INSULATION PAPER	BLACK, ELECT BOX.		
HH4432	B3	01	ROOFING	BLACK & BLACK, T & G		
HH4432	B3	02	↓	↓		
HH4432	C3	01	PARAPET/BASE	BLACK/BLACK, BUILT-UP		
HH4432	C3	02	↓	↓		
HH4432	D3	01	FLASHING	BLACK & BLACK, T & G		
HH4432	D3	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400PT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM

QUESTIONS CALL: 510.658.8860

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LUIS JAVIER ROCHA
PRINTED NAME

S. HOLLISTER
PRINTED NAME

PRINTED NAME



ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST NO: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	E3	01	MASTIC	GRAY & BLACK,	ROOF	
HH4432	E3	02	↓	↓		
HH4432	F3	01	FLEX CONNECTOR	WHITE, HVAC UNIT ROOF		
HH4432	G3	01	INSULATION	BROWN, FIRE DOOR		
HH4432	H3	01	VAPOR BARRIER	BLACK, FOUNDATION		
HH4432	I3	01	PAINT/PASTER	WHITE/GRAY		
HH4432	I3	02	↓	↓		
HH4432	J3	01	VFT/MAS	12" GREEN/BLACK		
HH4432	J3	02	↓	↓		
HH4432	K3	01	TEXTURE COAT	WHITE, MEDIUM		


ANALYTICAL METHOD: PLM ~~400PT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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QUESTIONS CALL: 510.658.8860

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PRINTED NAME

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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

LOCATION: HH 4432

DATE: 03/24/16

SAMPLED BY: CB/JR

PROJECT NUMBER: 161091001

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	K3	02				
HH4432	K3	03				
HH4432	K3	04				
HH4432	K3	05				
HH4432	L3	01	WB/SC	WHITE / WHITE		
HH4432	M3	01	VFT/MAS	9" DK BLUE / BLACK		
HH4432	N3	01	VFT/MAS	9" BROWN / BLACK		
HH4432	O3	01	VFT/MAS	12" OFF-WHITE GRAY STREAKS / BLACK		
HH4432	P3	01	VFT/MAS	9" BLACK WITH WHITE STREAKS / BLACK		
HH4432	Q3	01	VFT/MAS	9" BLACK WITH PINK STREAKS / BLACK		


ANALYTICAL METHOD: PLM ~~400 FT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM

QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

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TRANSFER SIGNATURE

3. _____
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

S. HOLLISTER
PRINTED NAME

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/24/16

LOCATION: HH 4432

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	R3	01	VFT/MAS	9" PINK/BLACK		
HH4432	S3	01	VFT/MAS	12" GRAY SHLEAKED/BLACK		
HH4432	T3	01	GASKET	GRAY/BLACK, VALVES		
<i>112 SAMPLES</i>						

ANALYTICAL METHOD: PLM 400 PFC COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

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 3. _____
 TRANSFER SIGNATURE

LUIS JAVIER ROCHA
 PRINTED NAME

 S. HOLLISTER
 PRINTED NAME

 PRINTED NAME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B219003
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4432

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 03/28/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4432-H301	11749087						
Layer: Black Tar							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

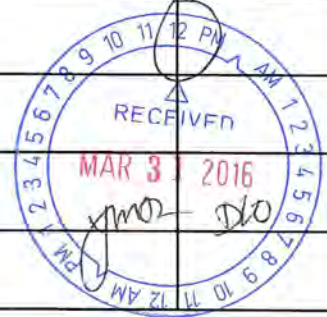
LOCATION: HH4432

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4432	H3	01	VAPOR BARRIER	BLK, FOUNDATION		
ONE SAMPLE						



ANALYTICAL METHOD: PLM ~~400 PPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
 DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
 QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- Luis J. Rocha
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/28/16
DATE/TIME
- _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME
- _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B221875
Date Received: 05/25/16
Date Analyzed: 05/25/16
Date Printed: 05/25/16
First Reported: 05/25/16

Job ID/Site: 161091001 - FORA, Building #4432

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 05/24/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
4432-U301	11768725						
Layer: Tan Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: <u>161091001</u> Date: <u>05/24/16</u>
		Turn Around Time: <input checked="" type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input checked="" type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input type="checkbox"/> Ext: _____
		Due Date: <u>05/25/16</u> Due Time: <u>END OF THE DAY</u>
		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000
Contact: Chris Burns		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac
Phone #: (510) 346-8860		<input type="checkbox"/> Special Project:
Fax #: (888) 296-0271		<input type="checkbox"/> Metals Analysis: Method _____ Matrix: _____ Analytes: _____
Site: <u>FORA</u>		
Job: <u>BUILDING # 4432</u>		

Comments / Email Reports To:
 chrisburns@vista-env.com & molli@vista-env.com

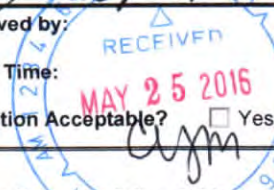
Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
4432-U301	05/24/16 1020	SEALANT, TAN INTERIOR WINDOW	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				1
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

ONE SAMPLE

Sampled by: LUIS J. ROCHA Date: 05/24/16 Time: 1020
 Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: <u>Luis J. Rocha</u> Date / Time: <u>05/25/16 0830</u>	Relinquished by: _____ Date / Time: _____	Relinquished by: _____ Date / Time: _____
--	--	--

Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No
--	--	--



**FORA
HH4432
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
282					CALIBRATE				Positive	1	mg/cm ²
283					CALIBRATE				Positive	1	mg/cm ²
284					CALIBRATE				Positive	1.1	mg/cm ²
285	HH 4432	1	OUTSIDE	EAST	DOCK	CONCRETE	BEIGE	DETERIORATED	Positive	14.3	mg/cm ²
286	HH 4432	1	OUTSIDE	EAST	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.19	mg/cm ²
287	HH 4432	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.23	mg/cm ²
288	HH 4432	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.28	mg/cm ²
289	HH 4432	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Positive	2.7	mg/cm ²
290	HH 4432	1	OUTSIDE	EAST	CURB	CONCRETE	RED	DETERIORATED	Negative	0.3	mg/cm ²
291	HH 4432	1	OUTSIDE	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.05	mg/cm ²
292	HH 4432	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
293	HH 4432	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
294	HH 4432	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
295	HH 4432	1	OUTSIDE	SOUTH	LOUVER	METAL	BEIGE	INTACT	Positive	1.5	mg/cm ²
296	HH 4432	1	OUTSIDE	EAST	PIPE	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
297	HH 4432	1	OUTSIDE	SOUTH	WALL	WOOD	BEIGE	DETERIORATED	Negative	0.1	mg/cm ²
298	HH 4432	1	OUTSIDE	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
299	HH 4432	1	OUTSIDE	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
300	HH 4432	1	OUTSIDE	SOUTH	WINDOW SILL	WOOD	BROWN	DETERIORATED	Negative	0.1	mg/cm ²
301	HH 4432	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.03	mg/cm ²
302	HH 4432	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	3.2	mg/cm ²
303	HH 4432	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
304	HH 4432	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	YELLOW	DETERIORATED	Positive	4.2	mg/cm ²
305	HH 4432	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.8	mg/cm ²
306	HH 4432	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4432
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
307	HH 4432	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
308	HH 4432	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
309	HH 4432	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
310	HH 4432	1	OUTSIDE	NORTH	WINDOW	METAL	BROWN	INTACT	Positive	3.3	mg/cm ²
311	HH 4432	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.5	mg/cm ²
312	HH 4432	1	1	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0.03	mg/cm ²
313	HH 4432	1	1	SOUTH	WINDOW FRAME	METAL	BROWN	INTACT	Positive	3	mg/cm ²
314	HH 4432	1	1	NORTH	WALL	DRYWALL	BROWN	INTACT	Negative	0	mg/cm ²
315	HH 4432	1	1	WEST	WALL	METAL	WHITE	INTACT	Negative	0.06	mg/cm ²
316	HH 4432	1	1	WEST	COUNTER	WOOD	BROWN	INTACT	Negative	0.6	mg/cm ²
317	HH 4432	1	1	NORTH	WINDOW FRAME	WOOD	BROWN	INTACT	Positive	1	mg/cm ²
318	HH 4432	1	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.4	mg/cm ²
319	HH 4432	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
320	HH 4432	1	1	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.07	mg/cm ²
321	HH 4432	1	1		HOOD	METAL	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
322	HH 4432	1	1		FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
323	HH 4432	1	1		BEAM	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
324	HH 4432	1	2	NORTH	WALL	CONCRETE	BLUE	INTACT	Positive	1.4	mg/cm ²
325	HH 4432	1	2	NORTH	WINDOW SILL	CONCRETE	BLUE	INTACT	Positive	1.3	mg/cm ²
326	HH 4432	1	2	NORTH	RADIATOR	METAL	BLUE	INTACT	Negative	0.6	mg/cm ²
327	HH 4432	1	2	NORTH	WINDOW FRAME	WOOD	BLUE	INTACT	Positive	1.3	mg/cm ²
328	HH 4432	1	3	WEST	WINDOW SILL	CONCRETE	BROWN	INTACT	Positive	1.4	mg/cm ²
329	HH 4432	1	3	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0.03	mg/cm ²
330	HH 4432	1	3	WEST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.09	mg/cm ²
331	HH 4432	1	3	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4432
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
332	HH 4432	1	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
333	HH 4432	1	3	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0.13	mg/cm ²
334	HH 4432	1	3	EAST	RADIATOR	METAL	BROWN	INTACT	Positive	1.2	mg/cm ²
335	HH 4432	1	3	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
336	HH 4432	1	3	NORTH	STAGE	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
337	HH 4432	1	3	EAST	EXPANSION JOINT	METAL	WHITE	INTACT	Negative	0.8	mg/cm ²
338	HH 4432	1	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.9	mg/cm ²
339	HH 4432	1	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
340	HH 4432	1	4	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Positive	3.3	mg/cm ²
341	HH 4432	1	4	EAST	WINDOW	METAL	BROWN	DETERIORATED	Positive	1.7	mg/cm ²
342	HH 4432	1	4		FLOOR	CONCRETE	RED	INTACT	Negative	0.6	mg/cm ²
343	HH 4432	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0.08	mg/cm ²
344	HH 4432	1	5		CEILING	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
345	HH 4432	1	5	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
346	HH 4432	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.25	mg/cm ²
347	HH 4432	1	5	WEST	WALL	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
348	HH 4432	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
349	HH 4432	1	5	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
350	HH 4432	1	5	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
351	HH 4432	1	5	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.3	mg/cm ²
352	HH 4432	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
353	HH 4432	1	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
354	HH 4432	1	5	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.13	mg/cm ²
355	HH 4432	1	5	SOUTH	PIPE	METAL	RED	INTACT	Negative	0.8	mg/cm ²
356	HH 4432	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.7	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4432
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
357	HH 4432	1	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.19	mg/cm ²
358	HH 4432	1	5	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
359	HH 4432	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
360	HH 4432	1	5	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
361	HH 4432	1	5	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
362	HH 4432	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
363	HH 4432	1	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
364	HH 4432	1	6	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
365	HH 4432	1	6	SOUTH	WALL	CERAMIC	WHITE	INTACT	Positive	9	mg/cm ²
366	HH 4432	1	6		WALL	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
367	HH 4432	1	6		FLOOR	CERAMIC	GRAY	INTACT	Negative	0.03	mg/cm ²
368	HH 4432	1	6	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	1.8	mg/cm ²
369	HH 4432	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
370	HH 4432	1	7	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
371	HH 4432	1	7	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
372	HH 4432	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.21	mg/cm ²
373	HH 4432	1	7	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
374	HH 4432	1	7	NORTH	WALL	CERAMIC	YELLOW	INTACT	Positive	17.4	mg/cm ²
375	HH 4432	1	7	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0.04	mg/cm ²
376	HH 4432	1	7	WEST	STALL	METAL	BLUE	INTACT	Negative	0.03	mg/cm ²
377	HH 4432	1	7		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
378	HH 4432	1	7		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
379	HH 4432	1	STAIRWELL E		CEILING	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
380	HH 4432	1	STAIRWELL E	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
381	HH 4432	1	STAIRWELL E	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.9	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4432
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
382	HH 4432	1	STAIRWELL E		STAIRS	CONCRETE	WHITE	INTACT	Positive	1.4	mg/cm ²
383	HH 4432	1	STAIRWELL E		STAIRS	CONCRETE	BLACK	INTACT	Negative	0.5	mg/cm ²
384	HH 4432	1	STAIRWELL E		STAIRS	CONCRETE	YELLOW	INTACT	Positive	5	mg/cm ²
385	HH 4432	1	STAIRWELL E		HAND RAIL	METAL	BLACK	DETERIORATED	Negative	0.03	mg/cm ²
386	HH 4432	1	9	SOUTH	WALL	CONCRETE	BLUE	DETERIORATED	Negative	0.26	mg/cm ²
387	HH 4432	BASEMENT	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.14	mg/cm ²
388	HH 4432	BASEMENT	1	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
389	HH 4432	BASEMENT	1	EAST	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.17	mg/cm ²
390	HH 4432	BASEMENT	1	EAST	DOOR	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
391	HH 4432	BASEMENT	1	WEST	WINDOW FRAME	METAL	BLACK	INTACT	Negative	0.7	mg/cm ²
392	HH 4432	BASEMENT	1	WEST	COUNTER	METAL	BLACK	INTACT	Negative	0.4	mg/cm ²
393	HH 4432	BASEMENT	1		FLOOR	CONCRETE	BLUE	INTACT	Negative	0.6	mg/cm ²
394	HH 4432	BASEMENT	2		FLOOR	CONCRETE	YELLOW	INTACT	Positive	3.8	mg/cm ²
395	HH 4432	BASEMENT	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
396	HH 4432	BASEMENT	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
397	HH 4432	BASEMENT	2	NORTH	DOOR	METAL	RED	INTACT	Negative	0.2	mg/cm ²
398	HH 4432	BASEMENT	2	NORTH	DOOR	METAL	YELLOW	INTACT	Positive	2	mg/cm ²
399	HH 4432	BASEMENT	2	NORTH	DOOR FRAME	METAL	RED	INTACT	Positive	2.7	mg/cm ²
400	HH 4432	BASEMENT	3	NORTH	DOOR FRAME	METAL	ORANGE	INTACT	Positive	28.2	mg/cm ²
401	HH 4432	BASEMENT	3	NORTH	DOOR	METAL	ORANGE	INTACT	Positive	8	mg/cm ²
402	HH 4432	BASEMENT	3	EAST	DOOR	METAL	BROWN	INTACT	Positive	1	mg/cm ²
403	HH 4432	BASEMENT	3	EAST	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.4	mg/cm ²
404	HH 4432	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.5	mg/cm ²
405	HH 4432	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.4	mg/cm ²
406	HH 4432	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4432
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
407	HH 4432	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
408	HH 4432	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
409	HH 4432	2	2	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
410	HH 4432	2	2	SOUTH	WALL	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
411	HH 4432	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
412	HH 4432	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
413	HH 4432	2	3	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.07	mg/cm ²
414	HH 4432	2	4	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
415	HH 4432	2	5	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.15	mg/cm ²
416	HH 4432	3	1	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.21	mg/cm ²
417	HH 4432	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.17	mg/cm ²
418	HH 4432	3	1	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
419	HH 4432	3	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.14	mg/cm ²
420	HH 4432	3	1	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
421	HH 4432	3	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
422	HH 4432	3	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.19	mg/cm ²
423	HH 4432	3	4	WEST	WALL	PLASTER	BEIGE	INTACT	Negative	0.16	mg/cm ²
424	HH 4432	3	4		CEILING	PLASTER	BEIGE	INTACT	Negative	0.02	mg/cm ²
425	HH 4432	3	STAIRWELL W	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
426	HH 4432	3	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
427	HH 4432	3	STAIRWELL W	WEST	LADDER	METAL	WHITE	DETERIORATED	Positive	1.8	mg/cm ²
565					CALIBRATE				Positive	1	mg/cm ²
566					CALIBRATE				Positive	1	mg/cm ²
567					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

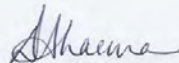
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71504-1
Client Project/Site: Building HH4432

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:33:26 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Job ID: 720-71504-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71504-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4432-PCBB01 (720-71504-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: HH4432-PCBB01 (720-71504-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Client Sample ID: HH4432-PCBB01

Lab Sample ID: 720-71504-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	340000000		270000000		ug/Kg	20000		8082	Total/NA

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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Client Sample ID: HH4432-PCBB01

Lab Sample ID: 720-71504-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	340000000		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:52	20000
PCB-1221	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:52	20000
PCB-1232	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:52	20000
PCB-1242	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:52	20000
PCB-1248	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:52	20000
PCB-1254	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:52	20000
PCB-1260	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:52	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/23/16 13:16	04/25/16 18:52	20000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/23/16 13:16	04/25/16 18:52	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71504-1	HH4432-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201032

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112				04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122				04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201032

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120
Surrogate	%Recovery	Qualifier	Limits				
Tetrachloro-m-xylene	78		32 - 112				
DCB Decachlorobiphenyl	93		2 - 122				

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71504-1	HH4432-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032

Analysis Batch: 201050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71504-1	HH4432-PCBB01	Total/NA	Solid	8082	201032

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Client Sample ID: HH4432-PCBB01

Lab Sample ID: 720-71504-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201050	04/25/16 18:52	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71504-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71504-1	HH4432-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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TestAmerica Pleasanton
1220 Quarry Lane

720-71504

Chain of Custody Record

167994

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other

TestAmerica Laboratories, Inc.

Client Contact Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577 510-346-8860 888-296-0271 FAX FORA HH4432 161091001		Project Manager: Chris Burns Tel/Fax:		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact:		Date:		COC No: 1 of 1 COCs	
Sample Identification HH4432 -PCBB01		Sample Date 4/22/16	Sample Time 1100 G	Sample Type (C-Comp, G-Grab)	Matrix Solid	# of Cont. 1	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lab Contact:	Carrier:	Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other 1		Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return to Client <input type="checkbox"/>		Disposal by Lab <input checked="" type="checkbox"/>		Archive for _____ Months	
Special Instructions/QC Requirements & Comments: Please email report to christburns@vista-env.com & mollie@vista-env.com		Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Company:		Date/Time:		Therm ID No.:	
Relinquished by: [Signature]		Vista		VISTA		Date/Time: 04/12/16-1350		Received by: [Signature]		Company: VISTA	
Relinquished by: [Signature]		VISTA		VISTA		Date/Time: 04/12/16-1350		Received in Laboratory by: [Signature]		Company: A	



Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71504-1

Login Number: 71504
List Number: 1
Creator: Arauz, Dennis

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

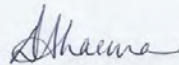
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71512-1
Client Project/Site: Building HH4432

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 4:02:32 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Job ID: 720-71512-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71512-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: HH4432-PCBC01 (720-71512-1).

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4432-PCBC01 (720-71512-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Client Sample ID: HH4432-PCBC01

Lab Sample ID: 720-71512-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	450		99		ug/Kg	2		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
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- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Client Sample ID: HH4432-PCBC01

Lab Sample ID: 720-71512-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		99		ug/Kg		04/18/16 10:10	04/19/16 11:52	2
PCB-1221	ND		99		ug/Kg		04/18/16 10:10	04/19/16 11:52	2
PCB-1232	ND		99		ug/Kg		04/18/16 10:10	04/19/16 11:52	2
PCB-1242	ND		99		ug/Kg		04/18/16 10:10	04/19/16 11:52	2
PCB-1248	ND		99		ug/Kg		04/18/16 10:10	04/19/16 11:52	2
PCB-1254	ND		99		ug/Kg		04/18/16 10:10	04/19/16 11:52	2
PCB-1260	450		99		ug/Kg		04/18/16 10:10	04/19/16 11:52	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	78		45 - 132	04/18/16 10:10	04/19/16 11:52	2
<i>DCB Decachlorobiphenyl</i>	73		42 - 146	04/18/16 10:10	04/19/16 11:52	2



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71512-1	HH4432-PCBC01	78	73
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

GC Semi VOA

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71512-1	HH4432-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 200727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71512-1	HH4432-PCBC01	Total/NA	Solid	8082	200673

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Client Sample ID: HH4432-PCBC01

Lab Sample ID: 720-71512-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 10:10	KMK	TAL PLS
Total/NA	Analysis	8082		2	200727	04/19/16 11:52	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 14
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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4432

TestAmerica Job ID: 720-71512-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71512-1	HH4432-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

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167902

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc.

Client Contact:
Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577

Project Manager: Chris Burns
Tel/Fax:
Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS

Site Contact:

Date:

COC No: 1 of 1 COCs

510-346-8860
888-296-0271
FOR A
HH4482

FAX

TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:

161091001

Sample Identification
HH4482 HH44 - PCBC01

Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.
4/12/2016	800 am	G	Solid	1

Filtered Sample (Y / N)
Perform MS / MSD (Y / N)
8082 (3660 B or C)

Sample Specific Notes:



720-7512 Chain of Custody

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other: 1

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client Disposed by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & molli@vista-env.com

9.5 cc

Custody Seals Intact: Yes No

Custody Seal No.:

Recool Temp. (°C): Obsd:

Contd:

Therm ID No.:

Relinquished by: *[Signature]*

Vista
Company: VISTA

Date/Time: 4/12/16, 0800

Received by: *[Signature]*

Company: VISTA

Date/Time: 4/12/16 0800

Relinquished by: *[Signature]*

Company: VISTA

Date/Time: 4/12/16 1350

Received in Laboratory by: *[Signature]*

Company: VISTA

Date/Time: 4/12/16 1350

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71512-1

Login Number: 71512

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	90	mg/kg	20	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
Zn	130	mg/kg	10	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

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Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
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Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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BUILDING HH4434



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING HH4434

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, M, R, S, Y, HH, II, J3 to M3)	Vinyl Floor Tile/Mastic	9" Black, Green, Dark Blue, Brown, Black with White, Black with Pink, Off-White and 12" Light Brown, Off-White, Beige, White with Gray, White with Black, Green/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories and Storage. This material is under newer CMU walls and under ceramic tiles located in bedrooms.	Class II	Category I - Non-Friable	29,750 SF
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II-Non-Friable	420 SF

BUILDING HH4434

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
PP	Window Putty	White	Windows Except Restrooms	Class II	Category II-Non-Friable	8,200 SF (99 Windows)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
SS	Sealant	Tan, Window Frames	Throughout, Metal Windows	Class II	Category I - Non-Friable	305 SF (3,660 LF)
WW	Sealant	Black, Window Frame	Restroom, Aluminum Windows	Class II	Category I - Non-Friable	45 SF (540 LF)
ZZ	Insulator	Black, Electrical Box	Handle, Basement, Armory, North West of Distribution Counter: Electrical Box. May be inside additional electrical boxes.	Class II	Category II-Non-Friable	5 SF

BUILDING HH4434 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	65 SF
F3	Flex Connector	White, HVAC	Head Roof on HVAC	Class I	Friable (RACM when Removed)	5 SF
P3	Glazing	Tan, Window, Interior	Kitchen Office Window	Class II	Category II - Non-Friable	100 SF (Windows)
Q3	Gasket	Black, Valves	Basement Mechanical Room	Class II	Category I - Non-Friable	7 SF

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
136	1	Outside	West	Hand Rail	Metal	Brown	Deteriorated	3.7	mg/cm ²
139	1	Outside	South	Stairs	Concrete	Brown	Deteriorated	3.1	mg/cm ²
140	1	Outside	South	Curb	Concrete	Red	Intact	2	mg/cm ²
144	1	Outside	South	Door Frame	Metal	Brown	Intact	1.2	mg/cm ²
146	1	Outside	South	Louver	Metal	Beige	Intact	1.2	mg/cm ²
152	1	Outside	East	Window	Metal	Brown	Deteriorated	1.3	mg/cm ²
154	1	Outside	South	Stairs	Concrete	Yellow	Deteriorated	6.1	mg/cm ²
156	1	Outside	South	Door Frame	Metal	Brown	Deteriorated	1.5	mg/cm ²
161	1	Outside	North	Window Frame	Metal	Brown	Intact	2.7	mg/cm ²
163	1	1	South	Window	Metal	Brown	Deteriorated	1.6	mg/cm ²
172	1	1		Hood	Metal	Blue	Intact	1.4	mg/cm ²
173	1	1	East	Wall	Concrete	Yellow	Intact	1.5	mg/cm ²
178	1	3	West	Window Frame	Metal	Blue	Deteriorated	3.5	mg/cm ²
185	1	3	East	Expansion Joint	Metal	Brown	Intact	1	mg/cm ²
191	1	4		Floor	Concrete	Black	Deteriorated	1.4	mg/cm ²
203	1	5	South	Wall	Concrete	White	Intact	1.7	mg/cm ²

BUILDING HH4434 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
205	1	5	South	Door Frame	Metal	Brown	Intact	1.3	mg/cm ²
206	1	5	East	Radiator	Metal	Brown	Intact	1.2	mg/cm ²
207	1	5	East	Wall	Concrete	White	Intact	2	mg/cm ²
208	1	5	South	Wall	Concrete	Brown	Intact	1.8	mg/cm ²
214	1	6	South	Wall	Ceramic	White	Intact	6.9	mg/cm ²
219	1	7	North	Wall	Ceramic	Yellow	Intact	15.8	mg/cm ²
224	1	8	South	Door Frame	Metal	Brown	Intact	1.9	mg/cm ²
242	Basement	1	North	Column	Concrete	White	Intact	1	mg/cm ²
243	Basement	1	West	Counter	Metal	Black	Deteriorated	1.1	mg/cm ²
244	Basement	1	West	Window Frame	Metal	Black	Deteriorated	1.4	mg/cm ²
248	Basement	2	South	Door Frame	Metal	Brown	Intact	4.3	mg/cm ²
252	Basement	3	South	Door	Metal	Red	Intact	5.3	mg/cm ²
253	Basement	3	South	Door Frame	Metal	Red	Intact	36	mg/cm ²
255	Basement	3	East	Door	Metal	Brown	Intact	1	mg/cm ²
257	2	1	South	Door	Metal	Brown	Intact	2.3	mg/cm ²
258	2	1	South	Door Frame	Metal	Brown	Intact	2.2	mg/cm ²
259	2	1	South	Wall	Concrete	White	Intact	2.2	mg/cm ²
272	3	1	South	Wall	Concrete	White	Intact	2	mg/cm ²
278	3	1	North	Wall	Concrete	White	Intact	2.6	mg/cm ²
281	3	Stairwell W	West	Ladder	Metal	White	Intact	3.1	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING HH4434

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING HH4434

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Transformers	Polychlorinated Biphenyls	1

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4434-PCBB01	Ballast Capacitor Oil	PCB-1016	280,000	mg/kg
HH4434-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.23	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4434

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Insulator Paper	Brown, Electrical Box	1
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	2
J	Wallboard/Joint Compound	White/White	1
K	Texture Coat	White, Small	3
L	Not Used	Not Used	Not Used
M	Vinyl Floor Tile/Mastic	12" Light Brown/Black	2
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White/Black, Brown Streaks	2
S	Vinyl Floor Tile/Mastic	9" Green/Black	1
T	Not Used	Not Used	Not Used
U	Not Used	Not Used	Not Used
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4434

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Basecove/Mastic	4" Beige/Brown	2
X	Basecove/Mastic	4" Black/Brown	1
Y	Vinyl Floor Tile/Mastic	9" Dark Blue/Black	1
Z	Not Used	Not Used	Not Used
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Lateral Fissure, Fiberglass	2
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Acoustic Ceiling Panel	2'x4' White, Solid Fiberglass	1
GG	Acoustic Ceiling Panel	2'x4' White, Gouge Fiberglass	1
HH	Vinyl Floor Tile/Mastic	12" White with Gray Streaks/Black	2
II	Vinyl Floor Tile/Mastic	12" White with Black Streaks/Black	2
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Acoustic Ceiling Tile	12" White Uniform Hole	1
OO	Not Used	Not Used	Not Used
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1




BUILDING HH4434

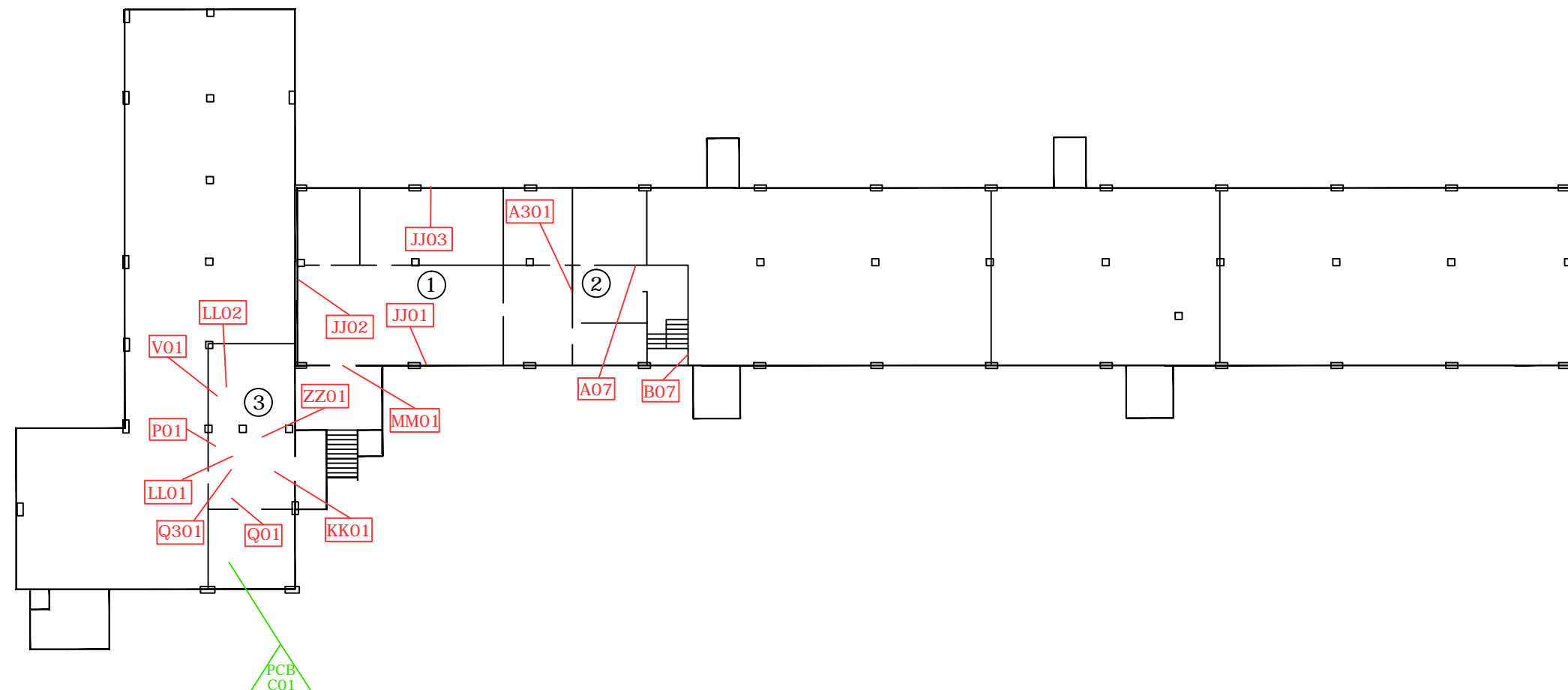
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Not Used	Not Used	Not Used
ZZ	Insulator	Black, Electrical Box	1
A3	Insulation Paper	Black, Electrical Box	1
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation, Subsurface	1
I3	Paint/Plaster	White/White	2
J3	Vinyl Floor Tile/Mastic	12" Green/Black	2
K3	Vinyl Floor Tile/Mastic	9" Black with Pink/Black	1
L3	Vinyl Floor Tile/Mastic	9" Black with White/Black	1
M3	Vinyl Floor Tile/Mastic	9" Off-White/Black	1
N3	Wallboard/Joint Compound	White/White	1

BUILDING HH4434
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
O3	Texture Coat	White, Medium	5
P3	Glazing	White, Window Interior	1
Q3	Gasket	Black, Valves	1
R3	Joint Compound	White, Patch	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA




SHEET TITLE

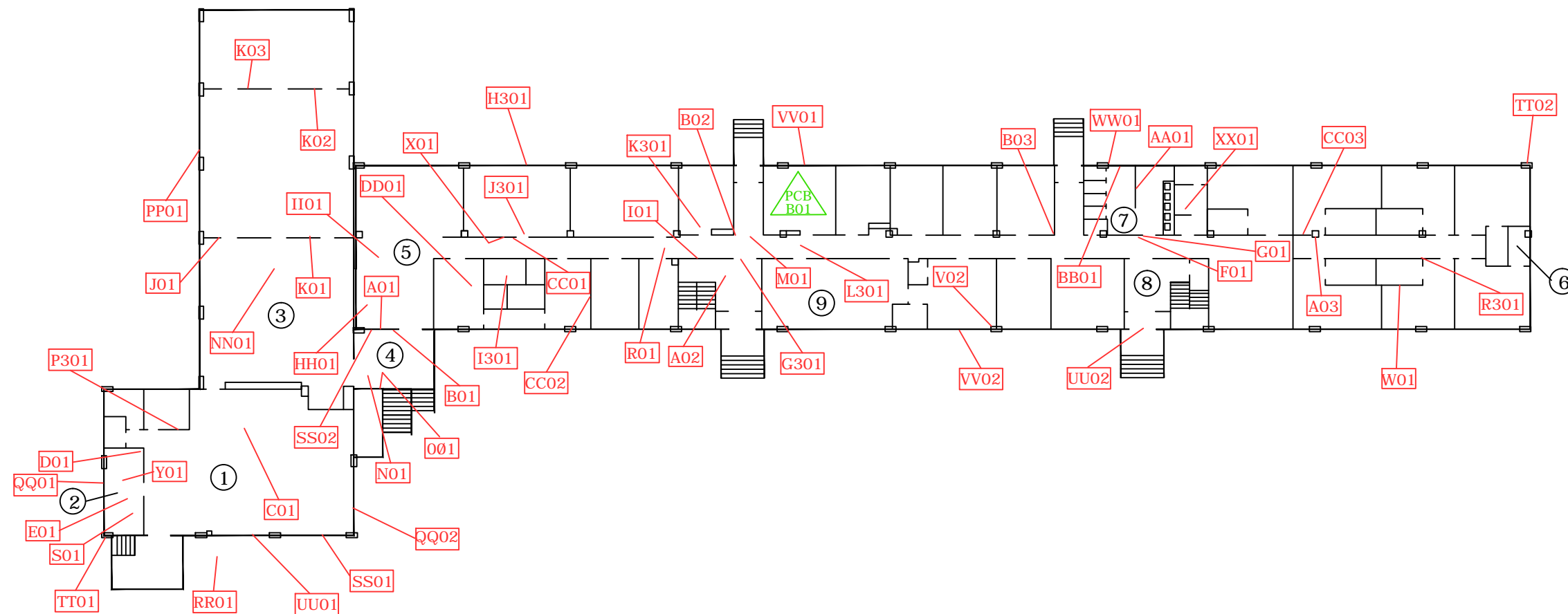
BUILDING HH4434
 SAMPLE LOCATIONS
 BASEMENT

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

HH4434

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

FORA
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 SEASIDE, CALIFORNIA

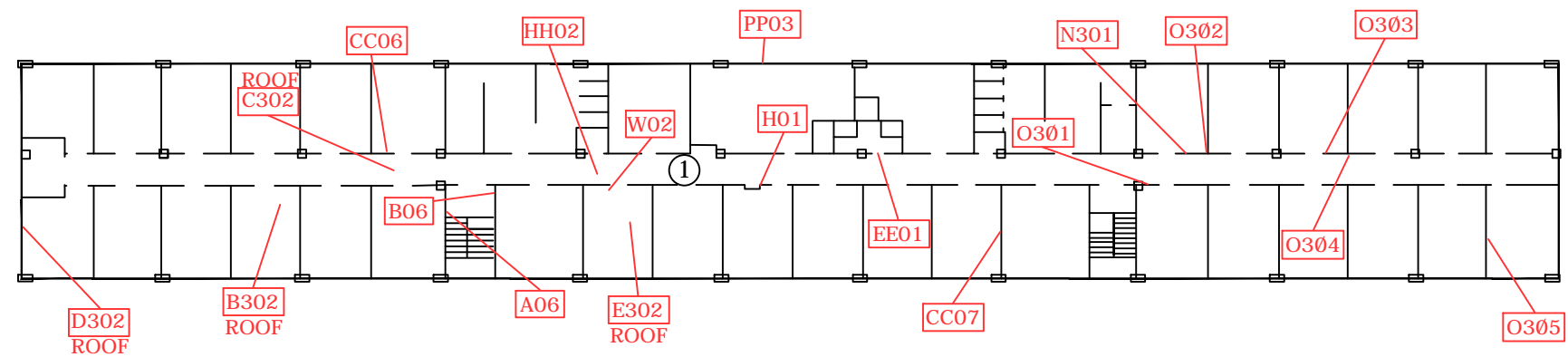
SHEET TITLE

BUILDING HH4434
 SAMPLE LOCATIONS
 FIRST FLOOR




SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

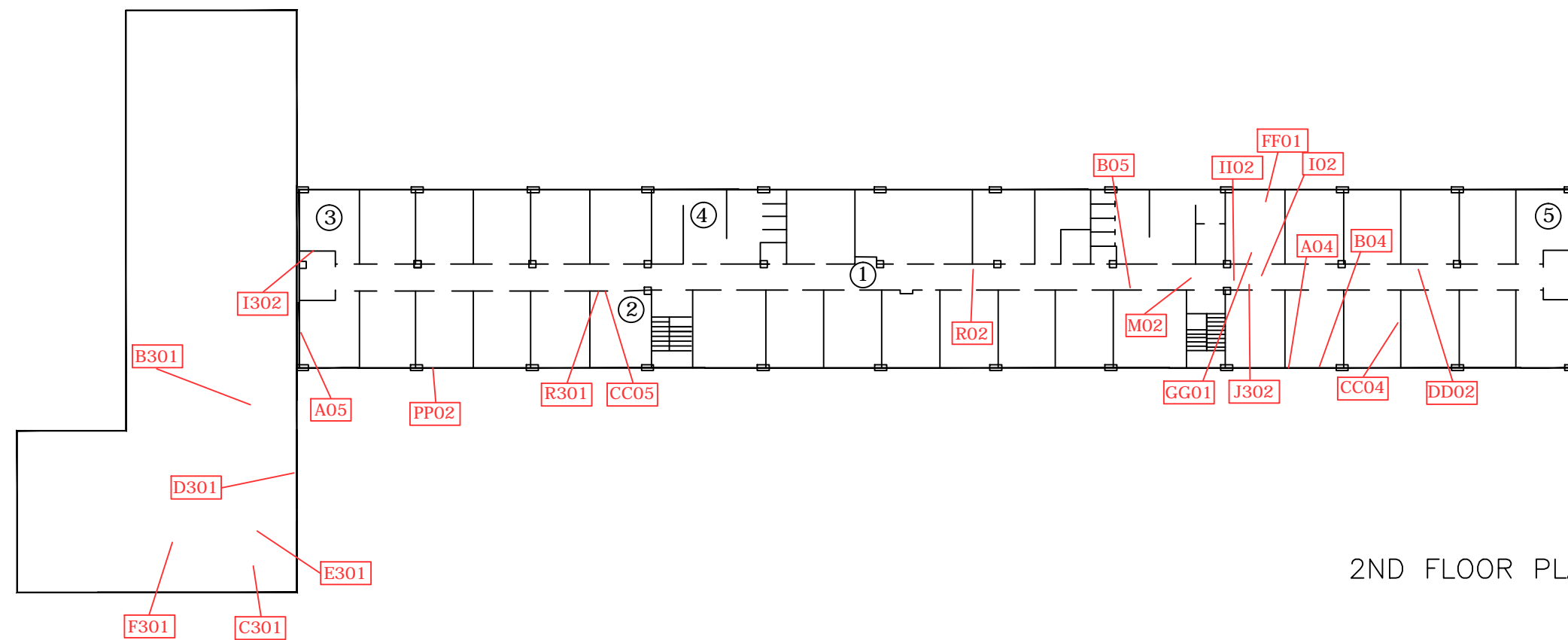
FIGURE

HH4434



3RD FLOOR PLAN

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



2ND FLOOR PLAN



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SHEET TITLE

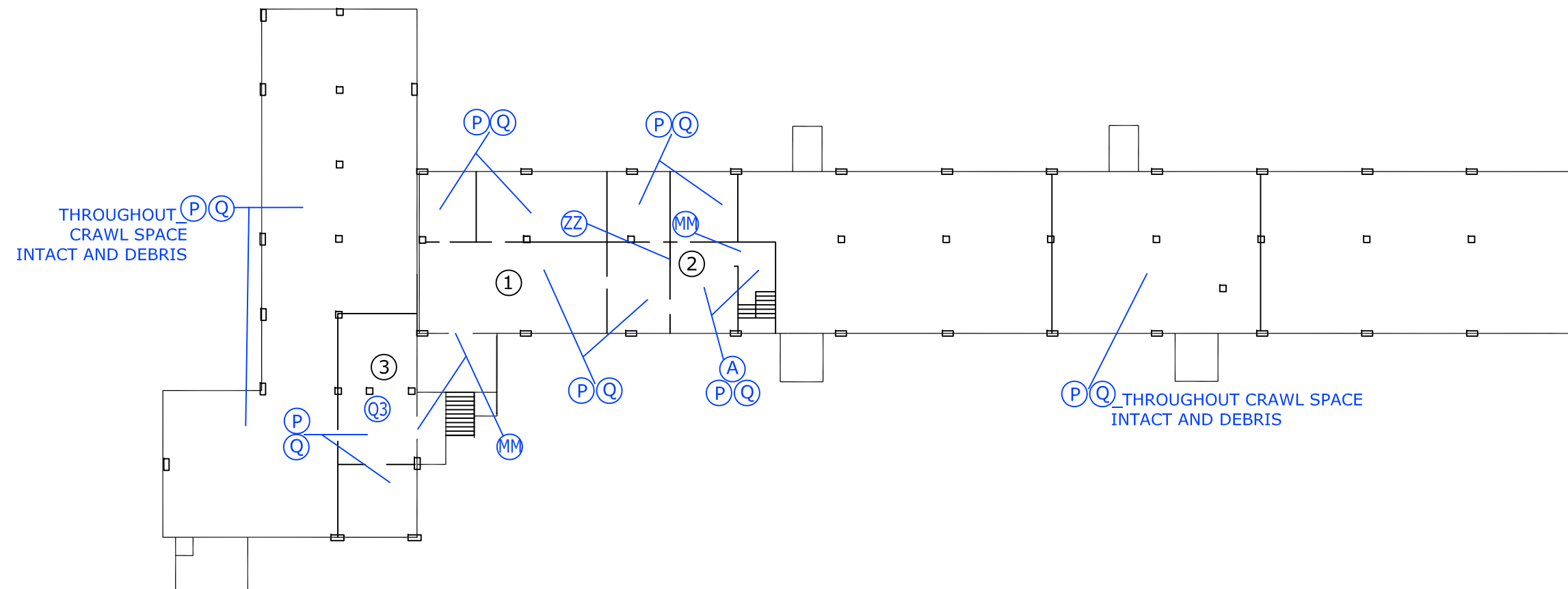
BUILDING HH4434
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

HH4434

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE

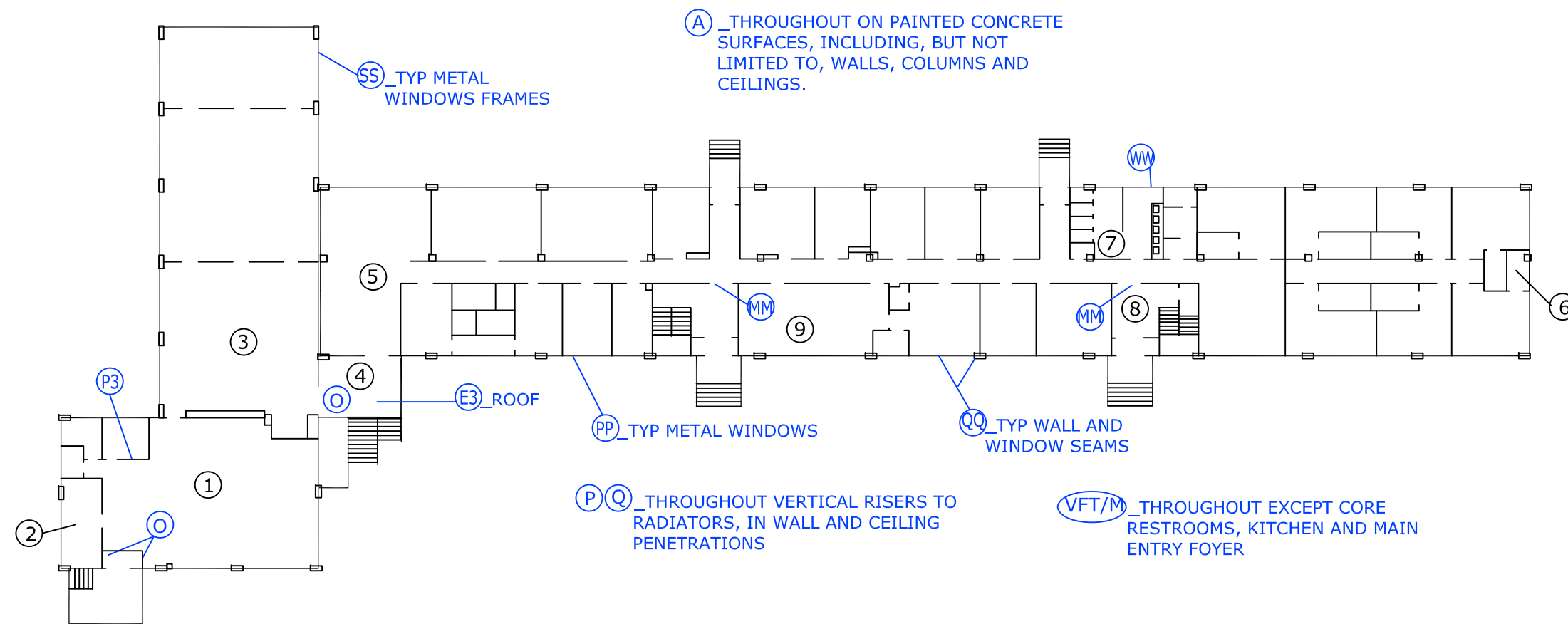
BUILDING HH4434
 MATERIAL LOCATIONS
 BASEMENT

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

HH4434

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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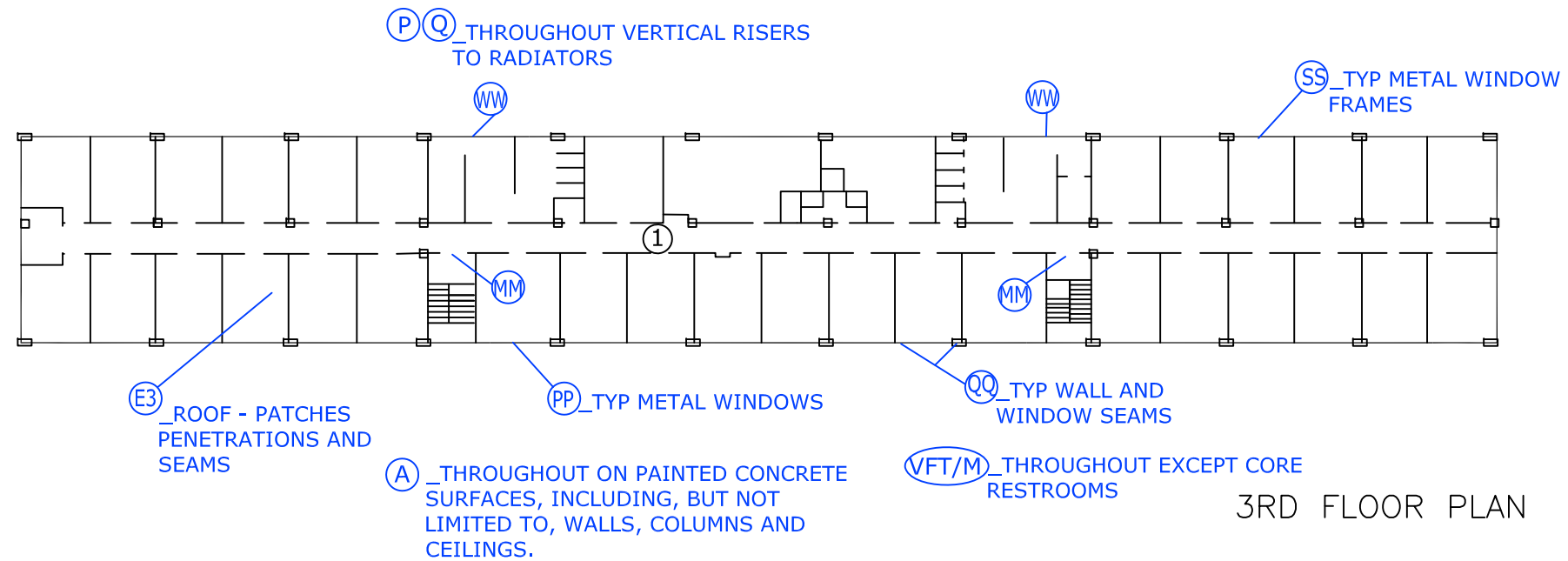
SHEET TITLE

BUILDING HH4434
 MATERIAL LOCATIONS
 FIRST FLOOR

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

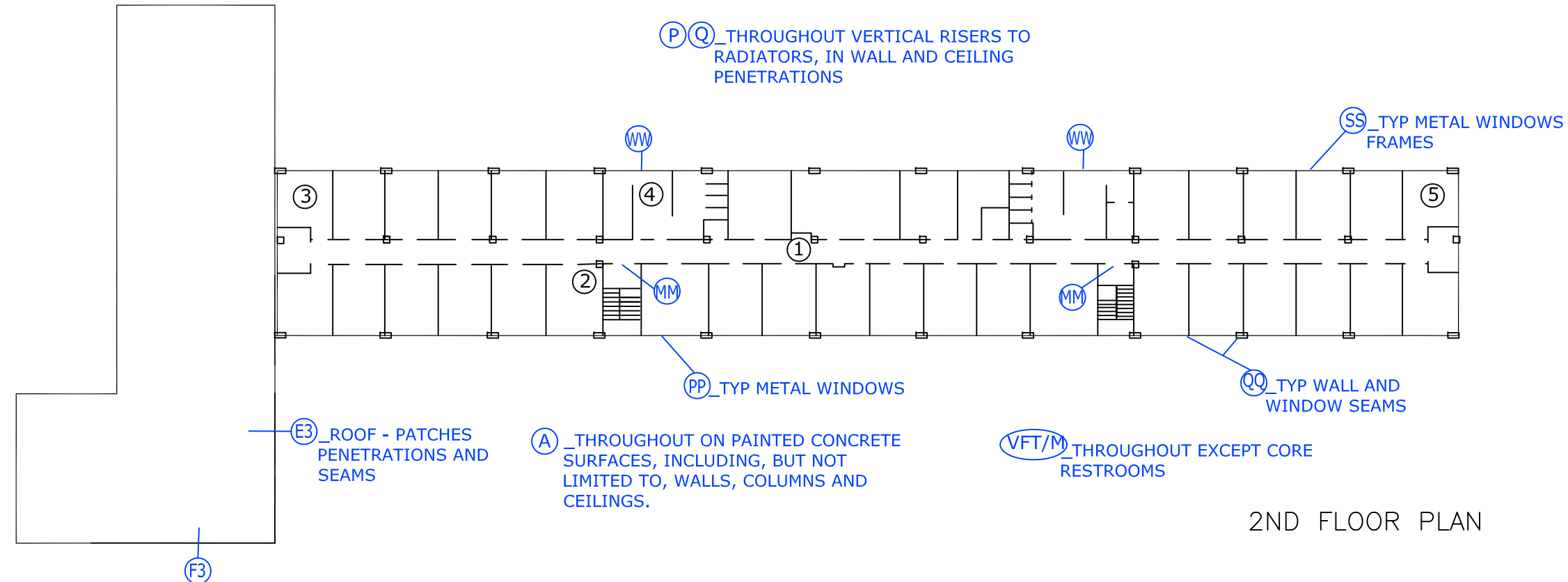
FIGURE

HH4434



3RD FLOOR PLAN

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



2ND FLOOR PLAN



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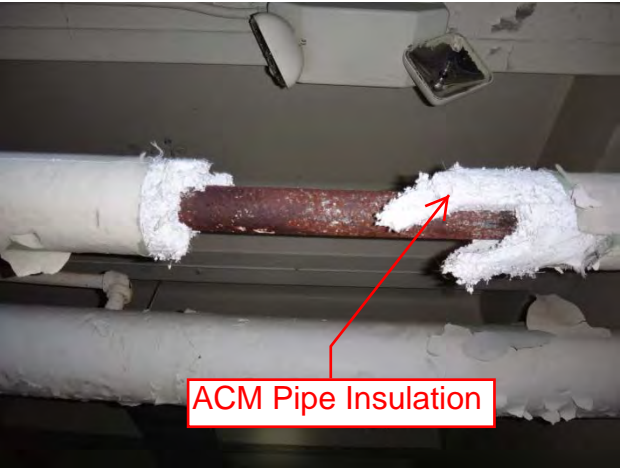
PROJECT TITLE
 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING HH4434
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

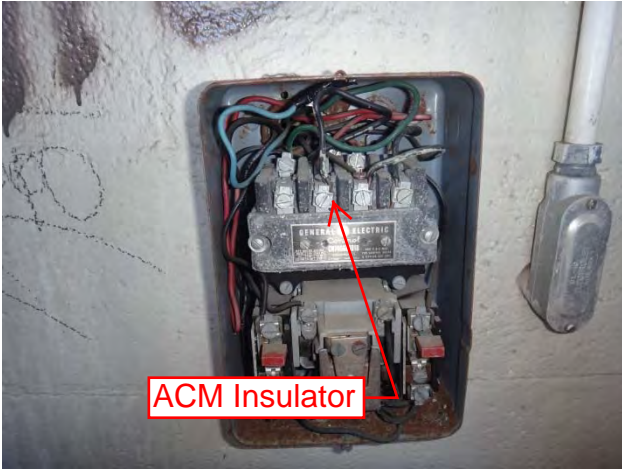
SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 HH4434

BUILDING HH4434
PHOTO DOCUMENTATION



BUILDING HH4434
PHOTO DOCUMENTATION



ACM Insulator



ACM Window Glazing



ACM Sealant



ACM Flex Connector

ACM Mastic



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218717
Date Received: 03/28/16
Date Analyzed: 03/31/16
Date Printed: 03/31/16
First Reported: 03/31/16

Job ID/Site: 161091001 - FORA, HH4434

FALI Job ID: L1161
Total Samples Submitted: 111
Total Samples Analyzed: 111

Date(s) Collected: 03/25/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-A01	11746962						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-A02	11746963						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-A03	11746964						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-A04	11746965						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-A05	11746966						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-A06	11746967						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-A07	11746968						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-B01	11746969						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-B02	11746970						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-B03	11746971						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-B04	11746972						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-B05	11746973						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-B06	11746974						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-B07	11746975						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-C01	11746976						
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-D01	11746977						
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-E01	11746978						
Layer: Black Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-F01	11746979						
Layer: Tan Ceramic Tile			ND				
Layer: White Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-G01	11746980						
Layer: Black Tar		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4434-H01	11746981						
Layer: Red Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %) Synthetic (10 %)							
HH4434-I01	11746982						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4434-I02	11746983						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4434-J01	11746984						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
HH4434-K01	11746985						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-K02	11746986						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-K03	11746987						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-M01	11746988						
Layer: Off-White Tile		Chrysotile	7 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
HH4434-M02	11746989						
Layer: Off-White Tile		Chrysotile	7 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
HH4434-N01	11746990						
Layer: Beige Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4434-O01	11746991						
Layer: Grey Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							
HH4434-P01	11746992						
Layer: White Semi-Fibrous Material		Chrysotile	2 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4434-Q01	11746993						
Layer: White Semi-Fibrous Material		Chrysotile	2 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4434-R01	11746994						
Layer: Off-White Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-R02	11746995						
Layer: Off-White Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
HH4434-S01	11746996						
Layer: Green Tile		Chrysotile	7 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
HH4434-V01	11746997						
Layer: Yellow Mastic			ND				
Layer: Off-White Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %) Fibrous Glass (10 %)							
HH4434-V02	11746998						
Layer: Yellow Mastic			ND				
Layer: Off-White Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %) Fibrous Glass (10 %)							
HH4434-W01	11746999						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Wollastonite (2 %)							
HH4434-W02	11747000						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Wollastonite (2 %)							
HH4434-X01	11747001						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Wollastonite (2 %)							
HH4434-Y01	11747002						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Wollastonite (2 %)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-AA01	11747003						
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-BB01	11747004						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-CC01	11747005						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-CC02	11747006						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-CC03	11747007						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-CC04	11747008						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-CC05	11747009						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-CC06	11747010						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4434-CC07	11747011						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-DD01	11747012						
Layer: Yellow Fibrous Tile			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
HH4434-EE01	11747013						
Layer: Tan Ceramic Tile			ND				
Layer: White Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-FF01	11747014						
Layer: Yellow Fibrous Tile			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
HH4434-GG01	11747015						
Layer: Yellow Fibrous Tile			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
HH4434-HH01	11747016						
Layer: Off-White Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4434-HH02	11747017						
Layer: Off-White Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4434-II01	11747018						
Layer: Off-White Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4434-II02	11747019						
Layer: Off-White Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-JJ01	11747020						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-JJ02	11747021						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-JJ03	11747022						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-KK01	11747023						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
HH4434-LL01	11747024						
Layer: Foil			ND				
Layer: Off-White Woven Material			ND				
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4434-LL02	11747025						
Layer: Foil			ND				
Layer: Off-White Woven Material			ND				
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4434-MM01	11747026						
Layer: Yellow Fibrous Tile			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-NN01	11747027						
Layer: Yellow Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Fibrous Glass (95 %)		Asbestos (ND)					
HH4434-PP01	11747028						
Layer: Off-White Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4434-PP02	11747029						
Layer: Off-White Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4434-PP03	11747030						
Layer: Off-White Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4434-QQ01	11747031						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4434-QQ02	11747032						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4434-RR01	11747033						
Layer: Grey Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4434-SS01	11747034						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4434-SS02	11747035						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-TT01	11747036						
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-TT02	11747037						
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-UU01	11747038						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-UU02	11747039						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-VV01	11747040						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-VV02	11747041						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-WW01	11747042						
Layer: Black Non-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4434-XX01	11747043						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %)							
HH4434-ZZ01	11747044						
Layer: Grey Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-A301	11747045						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4434-B301	11747046						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4434-B302	11747047						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4434-C301	11747048						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-C302	11747049						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4434-D301	11747050						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4434-D302	11747051						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4434-E301	11747052						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-E302	11747053						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4434-F301	11747054						
Layer: White Fibrous Material		Chrysotile	99 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (97%)					
Cellulose (Trace)							
HH4434-G301	11747055						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4434-I301	11747056						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-I302	11747057						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-J301	11747058						
Layer: Green Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
HH4434-J302	11747059						
Layer: Green Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
HH4434-K301	11747060						
Layer: Black Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
HH4434-L301	11747061						
Layer: Black Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-M301	11747062						
Layer: Off-White Tile		Chrysotile	7 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
HH4434-N301	11747063						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
HH4434-O301	11747064						
Layer: Off-White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-O302	11747065						
Layer: Off-White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-O303	11747066						
Layer: Off-White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-O304	11747067						
Layer: Off-White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-O305	11747068						
Layer: Off-White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-P301	11747069						
Layer: Off-White Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218717

Date Printed: 03/31/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-Q301	11747070						
Layer: Black Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							
HH4434-R301	11747071						
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4434-DD02	11748626						
Layer: Yellow Fibrous Tile			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008086
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - FORA, HH4434

FALI Job ID: L1161

PLM Report Number: B218717

Total Samples Submitted: 7
Total Samples Analyzed: 7

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4434-A01	11746962	Off-White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4434-A02	11746963	Off-White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4434-A03	11746964	Off-White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008086
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - FORA, HH4434

FALI Job ID: L1161

PLM Report Number: B218717

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4434-A04	11746965	Off-White Skimcoat

Point Count Results:

Number of asbestos points counted:	2
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4434-A05	11746966	Off-White Skimcoat
-------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted:	3
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4434-A06	11746967	Off-White Skimcoat
-------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted:	3
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008086
Date Received: 03/28/16
Date Analyzed: 04/11/16
Date Printed: 04/11/16

Job ID/Site: 161091001 - FORA, HH4434

FALI Job ID: L1161

PLM Report Number: B218717

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4434-A07	11746968	Off-White Skimcoat

Point Count Results:

Number of asbestos points counted:	2
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

Note: Point count results are reported to the nearest percent per EPA method.

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244




BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	A	01	PAINT/SKIM COAT	WHITE/WHITE,	CONCRETE	
HH4434	A	02				
HH4434	A	03				
HH4434	A	04				
HH4434	A	05				
HH4434	A	06				
HH4434	A	07				
HH4434	B	01	PAINT/SKIM COAT	WHITE/WHITE,	CMU	
HH4434	B	02				
HH4434	B	03				

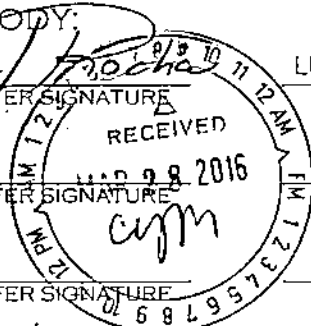
ANALYTICAL METHOD: PLM 466 PFCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.		LUIS JAVIER ROCHA	<u>03/25/16</u>
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
2.			
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
3.			
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244


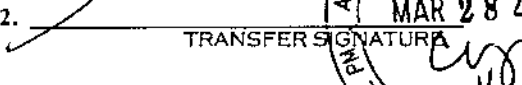

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	B	04				
HH4434	B	05				
HH4434	B	06				
HH4434	B	07				
HH4434	C	01	MORTAR/GROUT	GRAY/GRAY, QUARRY FLOOR		
HH4434	D	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC WALL		
HH4434	E	01	VFT/MAS	9" BLACK/BLACK		
HH4434	F	01	MORTAR/GROUT	WHITE/GRAY, CERAMIC FLOOR		
HH4434	G	01	VAPOR BARRIER	BLACK, UNDER CERAMIC FLOOR		
HH4434	H	01	INSULATOR PAPER	BROWN, ELECT. BOX		

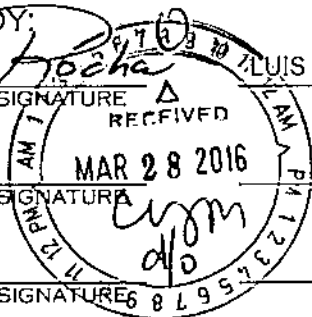
ANALYTICAL METHOD: PLM ~~ACCP/CCOINT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.		LUIS JAVIER ROCHA	<u>03/25/16</u>
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
2.			
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
3.			
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME





VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	I	01	ACP	2 1/2' WHITE, GOUGE PINHOLE		
HH4434	I	02	↓	↓		
HH4434	J	01	WB/SC	WHITE/WHITE		
HH4434	K	01	TEXTURE COAT	WHITE, SMALL		
HH4434	K	02	↓	↓		
HH4434	K	03	↓	↓		
HH4434	M	01	VET/MAS	12" LIGHT BROWN/BLACK		
HH4434	M	02	↓	↓		
HH4434	N	01	WALLBOARD	WHITE, CEILING		
HH4434	O	01	CEMENT PANEL	GRAY, WALL		

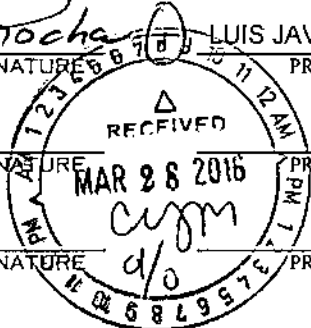
ANALYTICAL METHOD: PLM ~~ACFT/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- [Signature] TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME 03/25/16 DATE/TIME
- _____
TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
- _____
TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	P	01	TSI	WHITE, 4"-6" OD PIPES		
HH4434	Q	01	TSI	WHITE, 4"-6" OD FITTINGS		
HH4434	R	01	VFT/MAS	12" OFF-WHITE BROWN STREAKS/BLACK		
HH4434	R	02	↓	↓		
HH4434	S	01	VFT/MAS	9" GREEN/BLACK		
HH4434	V	01	JACKETING	WHITE, FIBERGLASS PIPES		
HH4434	V	02	↓	↓		
HH4434	W	01	BASECONE/MAS	4" BEIGE/BROWN		
HH4434	W	02	↓	↓		
HH4434	X	01	BASECONE/MAS	4" BLACK/BROWN		

ANALYTICAL METHOD: PLM 400 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

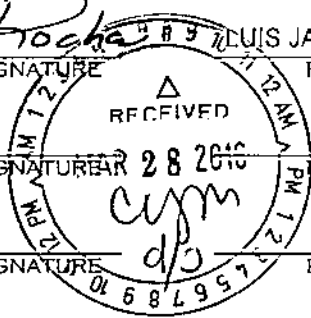
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.  LUIS JAVIER ROCHA 03/25/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

2. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

3. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	Y	01	VPT/MAS	9" BLUE/BLACK		
HH4434	AA	01	HORTAR/GROUT	WHITE/WHITE, WALL TILE		
HH4434	BB	01	VAPOR BARRIER	BLACK, WALL		
HH4434	CC	01	PAINT/CMU/HORTAR	WHITE/GRAY/GRAY, NEW		
HH4434	CC	02				
HH4434	CC	03				
HH4434	CC	04				
HH4434	CC	05				
HH4434	CC	06				
HH4434	CC	07				

ANALYTICAL METHOD: PLM ~~400 PPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

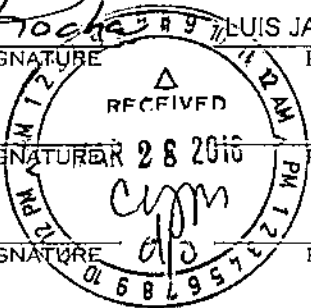
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA 03/25/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

2. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	DD	01	ACP	2'X4' WHITE, LATERAL FISSURE FIBERGLASS		
HH4434	EE	01	MORTAR/GROUT/UNDER	GRAY/GRAY/BLACK, FLOOR		
HH4434	FF	01	ACP	2'X4' WHITE, SOLID FIBERGLASS		
HH4434	GG	01	ACP	2'X4' WHITE, GOUGE FIBERGLASS		
HH4434	HH	01	VFT/MAS	12" WHITE WITH GRAY STREAKS/BLACK		
HH4434	HH	02				
HH4434	II	01	VFT/MAS	12" WHITE WITH BLACK STREAKS/BLACK		
HH4434	II	02				
HH4434	JJ	01	PAINT/CONCRETE	WHITE/GRAY, BASEMENT		
HH4434	JJ	02				

ANALYTICAL METHOD: PLM ~~ACCP~~ ~~PCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

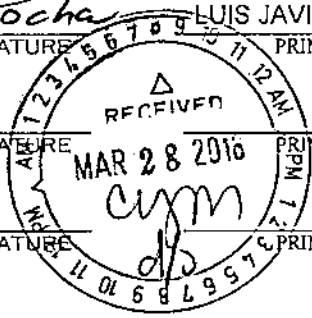
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA 03/25/16
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	JJ	03	↓	↓		
HH4434	KK	01	INSULATION	BLACK, WIRE		
HH4434	LL	01	JACKETING	WHITE, TANK		
HH4434	LL	02	↓	↓		
HH4434	MM	01	INSULATION	WHITE, FIRE DOOR		
HH4434	NN	01	ACT	12" WHITE, UNIFORM HOSE		
HH4434	PP	01	PUTTY	WHITE, WINDOW		
HH4434	PP	02	↓	↓		
HH4434	PP	03	↓	↓		
HH4434	QQ	01	SEALANT/EXPANSION JOINT	TAN/BROWN, SEAMS		

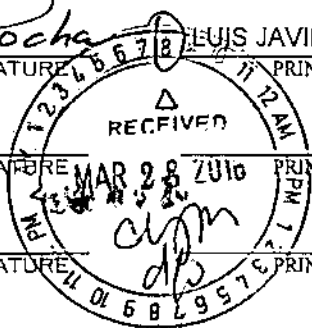
ANALYTICAL METHOD: PLM ~~66PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME 03/25/16 DATE/TIME
2. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	QQ	02	↓	↓		
HH4434	RR	01	COATING	GRAY, EXTERIOR		
HH4434	SS	01	SEALANT	TAN, WINDOW FRAME		
HH4434	SS	02	↓	↓		
HH4434	TT	01	PAINT	WHITE, EXTERIOR		
HH4434	TT	02	↓	↓		
HH4434	UU	01	CONCRETE	GRAY, STRUCTURAL		
HH4434	UU	02	↓	↓		
HH4434	VV	01	PAINT/CHU/GROUT	WHITE/GRAY/GRAY, EXTERIOR		
HH4434	VV	02	↓	↓		

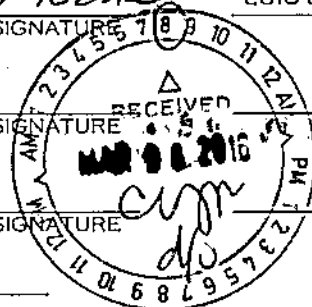
ANALYTICAL METHOD: PLM ~~466 FT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.		LUIS JAVIER ROCHA	<u>03/25/16</u>
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
2.	_____	_____	_____
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME
3.	_____	_____	_____
	TRANSFER SIGNATURE	PRINTED NAME	DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	WW	01	SEALANT	BLACK, WINDOW FRAME		
HH4434	XX	01	GASKET	BLACK, LIGHT		
HH4434	ZZ	01	INSULATOR	BLACK, ELECT. BOX		
HH4434	A3	01	INSULATION PAPER	BLACK, ELECT. BOX		
HH4434	B3	01	ROOFING	BLACK & BLACK, T & G		
HH4434	B3	02	↓	↓		
HH4434	C3	01	PARADET/BASE	BLACK/BLACK, BUILT-UP		
HH4434	C3	02	↓	↓		
HH4434	D3	01	FLASHING	BLACK & BLACK, T & G		
HH4434	D3	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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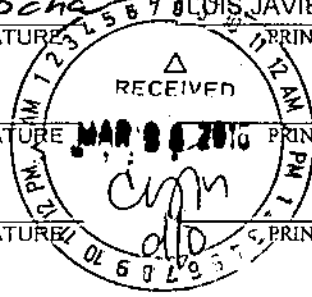
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE CHRIS JAVIER ROCHA PRINTED NAME 03/25/16 DATE/TIME

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	E3	01	MASTIC	GRAY & BLACK, ROOF		
HH4434	E3	02	↓	↓		
HH4434	F3	01	FLEX CONNECTOR	WHITE, HVAC ROOF		
HH4434	G3	01	INSULATION	BROWN, FIRE DOOR		
HH4434	I3	01	PAINT/PLASTER	WHITE/GRAY		
HH4434	I3	02	↓	↓		
HH4434	J3	01	VFT/MAS	12" GREEN/BLACK		
HH4434	J3	02	↓	↓		
HH4434	K3	01	VFT/MAS	9" BLACK WITH PINK/BLACK		
HH4434	L3	01	VFT/MAS	9" BLACK WITH WHITE/BLACK		

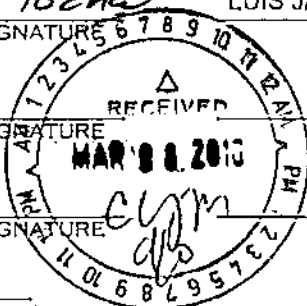
ANALYTICAL METHOD: PLM ~~400 PPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA 03/25/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
2. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
3. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/25/16

LOCATION: HH 4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	M3	01	VPT/MAS	9" OFF-WHITE/BLACK		
HH4434	N3	01	WB/SC	WHITE/WHITE		
HH4434	O3	01	TEXTURE COAT	WHITE, MEDIUM		
HH4434	O3	02				
HH4434	O3	03				
HH4434	O3	04				
HH4434	O3	05				
HH4434	P3	01	GLAZING	WHITE, WINDOW INTERIOR		
HH4434	Q3	01	GASKET	BLACK, VALVES		
HH4434	R3	01	JOINT COMPOUND	WHITE, PATCH		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~

* Extra sample DD02
TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO:

CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

03/30/16

SPECIAL INSTRUCTIONS:

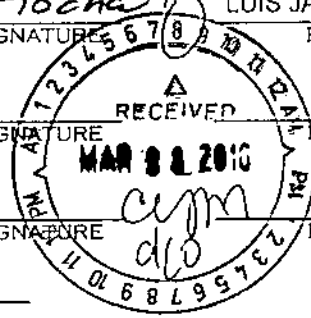
CHAIN OF CUSTODY:

- [Signature] LUIS JAVIER ROCHA
TRANSFER SIGNATURE PRINTED NAME
- _____
TRANSFER SIGNATURE PRINTED NAME
- _____
TRANSFER SIGNATURE PRINTED NAME

03/25/16
DATE/TIME

DATE/TIME

DATE/TIME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B219002
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4434

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 03/28/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4434-H301	11749086						
Layer: Black Tar		ND					
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA


DATE: 03/28/16

LOCATION: HH4434

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4434	H3	01	VAPOR BARRIER	BLACK, FOUNDATION		
<i>ONE SAMPLE</i>						
						

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. 

LUIS JAVIER ROCHA
PRINTED NAME

03/28/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

**FORA
HH4434
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					3.11	cps
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1.1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
135	HH 4434	1	OUTSIDE	WEST	DOCK	CONCRETE	BEIGE	DETERIORATED	Negative	0.07	mg/cm ²
136	HH 4434	1	OUTSIDE	WEST	HAND RAIL	METAL	BROWN	DETERIORATED	Positive	3.7	mg/cm ²
137	HH 4434	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.5	mg/cm ²
138	HH 4434	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.5	mg/cm ²
139	HH 4434	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Positive	3.1	mg/cm ²
140	HH 4434	1	OUTSIDE	SOUTH	CURB	CONCRETE	RED	INTACT	Positive	2	mg/cm ²
142	HH 4434	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.05	mg/cm ²
143	HH 4434	1	OUTSIDE	SOUTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²
144	HH 4434	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.2	mg/cm ²
145	HH 4434	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
146	HH 4434	1	OUTSIDE	SOUTH	LOUVER	METAL	BEIGE	INTACT	Positive	1.2	mg/cm ²
147	HH 4434	1	OUTSIDE	EAST	PIPE	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
148	HH 4434	1	OUTSIDE	SOUTH	WALL	WOOD	BEIGE	INTACT	Negative	0.13	mg/cm ²
149	HH 4434	1	OUTSIDE	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
150	HH 4434	1	OUTSIDE	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
151	HH 4434	1	OUTSIDE	EAST	WINDOW SILL	WOOD	BROWN	DETERIORATED	Negative	0.1	mg/cm ²
152	HH 4434	1	OUTSIDE	EAST	WINDOW	METAL	BROWN	DETERIORATED	Positive	1.3	mg/cm ²
153	HH 4434	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.03	mg/cm ²
154	HH 4434	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	YELLOW	DETERIORATED	Positive	6.1	mg/cm ²
155	HH 4434	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
156	HH 4434	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.5	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4434
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
157	HH 4434	1	OUTSIDE	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
158	HH 4434	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.02	mg/cm ²
159	HH 4434	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
160	HH 4434	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
161	HH 4434	1	OUTSIDE	NORTH	WINDOW FRAME	METAL	BROWN	INTACT	Positive	2.7	mg/cm ²
162	HH 4434	1	1	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
163	HH 4434	1	1	SOUTH	WINDOW	METAL	BROWN	DETERIORATED	Positive	1.6	mg/cm ²
164	HH 4434	1	1		FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
165	HH 4434	1	1		BEAM	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
166	HH 4434	1	1	NORTH	WINDOW FRAME	WOOD	BLUE	DETERIORATED	Negative	0.06	mg/cm ²
167	HH 4434	1	1	NORTH	DOOR FRAME	METAL	GREEN, LIGHT	DETERIORATED	Negative	0	mg/cm ²
168	HH 4434	1	1	NORTH	DOOR	WOOD	GREEN, LIGHT	INTACT	Negative	0.04	mg/cm ²
169	HH 4434	1	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
170	HH 4434	1	1	SOUTH	DOOR FRAME	METAL	WHITE	DETERIORATED	Negative	0	mg/cm ²
171	HH 4434	1	1	WEST	DOOR	WOOD	BLUE	INTACT	Negative	0.8	mg/cm ²
172	HH 4434	1	1		HOOD	METAL	BLUE	INTACT	Positive	1.4	mg/cm ²
173	HH 4434	1	1	EAST	WALL	CONCRETE	YELLOW	INTACT	Positive	1.5	mg/cm ²
174	HH 4434	1	1	EAST	WALL	CONCRETE	RED	INTACT	Negative	0.2	mg/cm ²
175	HH 4434	1	1	EAST	BASEBOARD	CONCRETE	BLACK	INTACT	Negative	0.18	mg/cm ²
176	HH 4434	1	3	SOUTH	CABINET	METAL	BLUE	DETERIORATED	Negative	0.25	mg/cm ²
177	HH 4434	1	3	WEST	RADIATOR	METAL	BLUE	INTACT	Negative	0	mg/cm ²
178	HH 4434	1	3	WEST	WINDOW FRAME	METAL	BLUE	DETERIORATED	Positive	3.5	mg/cm ²
179	HH 4434	1	3	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.4	mg/cm ²
180	HH 4434	1	3	WEST	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.26	mg/cm ²
181	HH 4434	1	3	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.3	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4434
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
182	HH 4434	1	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
183	HH 4434	1	3	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
184	HH 4434	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
185	HH 4434	1	3	EAST	EXPANSION JOINT	METAL	BROWN	INTACT	Positive	1	mg/cm ²
186	HH 4434	1	3	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.27	mg/cm ²
187	HH 4434	1	4	NORTH	DOOR FRAME	METAL	WHITE	DETERIORATED	Negative	0	mg/cm ²
188	HH 4434	1	4	NORTH	DOOR	WOOD	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
189	HH 4434	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0.1	mg/cm ²
190	HH 4434	1	4	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.7	mg/cm ²
191	HH 4434	1	4		FLOOR	CONCRETE	BLACK	DETERIORATED	Positive	1.4	mg/cm ²
192	HH 4434	1	5		CEILING	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
193	HH 4434	1	5		CEILING	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
194	HH 4434	1	5	WEST	COLUMN	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
195	HH 4434	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
196	HH 4434	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
197	HH 4434	1	5	NORTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.05	mg/cm ²
198	HH 4434	1	5	NORTH	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.09	mg/cm ²
199	HH 4434	1	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
200	HH 4434	1	5	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
201	HH 4434	1	5	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
202	HH 4434	1	5	SOUTH	PIPE	METAL	RED	INTACT	Negative	0.23	mg/cm ²
203	HH 4434	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.7	mg/cm ²
204	HH 4434	1	5	SOUTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.9	mg/cm ²
205	HH 4434	1	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²
206	HH 4434	1	5	EAST	RADIATOR	METAL	BROWN	INTACT	Positive	1.2	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4434
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
207	HH 4434	1	5	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	2	mg/cm ²
208	HH 4434	1	5	SOUTH	WALL	CONCRETE	BROWN	INTACT	Positive	1.8	mg/cm ²
209	HH 4434	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
210	HH 4434	1	5	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.2	mg/cm ²
211	HH 4434	1	5	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.6	mg/cm ²
212	HH 4434	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
213	HH 4434	1	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
214	HH 4434	1	6	SOUTH	WALL	CERAMIC	WHITE	INTACT	Positive	6.9	mg/cm ²
215	HH 4434	1	6		CEILING	PLASTER	WHITE	INTACT	Negative	0.07	mg/cm ²
216	HH 4434	1	6		FLOOR	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
217	HH 4434	1	6	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
218	HH 4434	1	7	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
219	HH 4434	1	7	NORTH	WALL	CERAMIC	YELLOW	INTACT	Positive	15.8	mg/cm ²
220	HH 4434	1	7	WEST	WALL	CERAMIC	BEIGE	INTACT	Negative	0.02	mg/cm ²
221	HH 4434	1	7		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
222	HH 4434	1	7		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.06	mg/cm ²
223	HH 4434	1	7	WEST	STALL	METAL	BLUE	INTACT	Negative	0	mg/cm ²
224	HH 4434	1	8	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.9	mg/cm ²
225	HH 4434	1	8	SOUTH	DOOR	METAL	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
226	HH 4434	1	8	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.24	mg/cm ²
227	HH 4434	1	8	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0.25	mg/cm ²
228	HH 4434	1	8	SOUTH	COLUMN	CONCRETE	BROWN	DETERIORATED	Negative	0.21	mg/cm ²
229	HH 4434	1	8	SOUTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.3	mg/cm ²
230	HH 4434	1	8		STAIRS	CONCRETE	BROWN	INTACT	Negative	0.7	mg/cm ²
231	HH 4434	1	8		STAIRS	CONCRETE	RED	DETERIORATED	Negative	0.24	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4434
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
232	HH 4434	1	8		STAIRS	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
233	HH 4434	1	8		HAND RAIL	METAL	BLACK	DETERIORATED	Negative	0.11	mg/cm ²
234	HH 4434	1	8		CEILING	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
235	HH 4434	1	9	SOUTH	WALL	CONCRETE	YELLOW	DETERIORATED	Negative	0.25	mg/cm ²
236	HH 4434	1	9	SOUTH	WINDOW SILL	CONCRETE	YELLOW	DETERIORATED	Negative	0.3	mg/cm ²
237	HH 4434	1	9	NORTH	BASEBOARD	CONCRETE	BROWN	DETERIORATED	Negative	0.6	mg/cm ²
238	HH 4434	1	9	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
239	HH 4434	BASEMENT	1	EAST	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.4	mg/cm ²
240	HH 4434	BASEMENT	1	EAST	DOOR	METAL	WHITE	INTACT	Negative	0.4	mg/cm ²
241	HH 4434	BASEMENT	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.23	mg/cm ²
242	HH 4434	BASEMENT	1	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1	mg/cm ²
243	HH 4434	BASEMENT	1	WEST	COUNTER	METAL	BLACK	DETERIORATED	Positive	1.1	mg/cm ²
244	HH 4434	BASEMENT	1	WEST	WINDOW FRAME	METAL	BLACK	DETERIORATED	Positive	1.4	mg/cm ²
245	HH 4434	BASEMENT	1	NORTH	DOOR	WOOD	BLUE	INTACT	Negative	0.08	mg/cm ²
246	HH 4434	BASEMENT	1	NORTH	DOOR	METAL	RED	INTACT	Negative	0.11	mg/cm ²
247	HH 4434	BASEMENT	2	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
248	HH 4434	BASEMENT	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	4.3	mg/cm ²
249	HH 4434	BASEMENT	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.28	mg/cm ²
250	HH 4434	BASEMENT	2		CABINET	WOOD	BLACK	INTACT	Negative	0.11	mg/cm ²
251	HH 4434	BASEMENT	2	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.23	mg/cm ²
252	HH 4434	BASEMENT	3	SOUTH	DOOR	METAL	RED	INTACT	Positive	5.3	mg/cm ²
253	HH 4434	BASEMENT	3	SOUTH	DOOR FRAME	METAL	RED	INTACT	Positive	36	mg/cm ²
254	HH 4434	BASEMENT	3	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
255	HH 4434	BASEMENT	3	EAST	DOOR	METAL	BROWN	INTACT	Positive	1	mg/cm ²
256	HH 4434	BASEMENT	3		TANK	METAL	RED	INTACT	Negative	0.02	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4434
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
257	HH 4434	2	1	SOUTH	DOOR	METAL	BROWN	INTACT	Positive	2.3	mg/cm ²
258	HH 4434	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.2	mg/cm ²
259	HH 4434	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.2	mg/cm ²
260	HH 4434	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.16	mg/cm ²
261	HH 4434	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
262	HH 4434	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
263	HH 4434	2	2	EAST	WALL	CONCRETE	GREEN	INTACT	Negative	0.3	mg/cm ²
264	HH 4434	2	2	EAST	COLUMN	CONCRETE	BLACK	INTACT	Negative	0.12	mg/cm ²
265	HH 4434	2	2	SOUTH	WINDOW SILL	CONCRETE	BLACK	INTACT	Negative	0.13	mg/cm ²
266	HH 4434	2	2	SOUTH	WALL	CONCRETE	GREEN	INTACT	Negative	0	mg/cm ²
267	HH 4434	2	3	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.7	mg/cm ²
268	HH 4434	2	3	SOUTH	WALL	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
269	HH 4434	2	4	EAST	WALL	CONCRETE	GRAY	INTACT	Negative	0.28	mg/cm ²
270	HH 4434	2	4	WEST	STAIRS	CONCRETE	GRAY	INTACT	Negative	0.19	mg/cm ²
271	HH 4434	2	5	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
272	HH 4434	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	2	mg/cm ²
273	HH 4434	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
274	HH 4434	3	1	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
275	HH 4434	3	1	SOUTH	DOOR FRAME	METAL	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
276	HH 4434	3	1	SOUTH	DOOR	METAL	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
277	HH 4434	3	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
278	HH 4434	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.6	mg/cm ²
279	HH 4434	3	STAIRWELL W	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
280	HH 4434	3	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.29	mg/cm ²
281	HH 4434	3	STAIRWELL W	WEST	LADDER	METAL	WHITE	INTACT	Positive	3.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4434
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
282					CALIBRATE				Positive	1	mg/cm ²
283					CALIBRATE				Positive	1	mg/cm ²
284					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

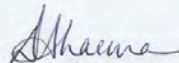
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71505-1
Client Project/Site: Building HH4434

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:38:22 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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results through
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Have a Question?



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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Job ID: 720-71505-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71505-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4434-PCBB01 (720-71505-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: HH4434-PCBB01 (720-71505-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Client Sample ID: HH4434-PCBB01

Lab Sample ID: 720-71505-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	280000000		250000000		ug/Kg	20000		8082	Total/NA

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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Client Sample ID: HH4434-PCBB01

Lab Sample ID: 720-71505-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	280000000		250000000		ug/Kg		04/23/16 13:16	04/25/16 19:09	20000
PCB-1221	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 19:09	20000
PCB-1232	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 19:09	20000
PCB-1242	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 19:09	20000
PCB-1248	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 19:09	20000
PCB-1254	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 19:09	20000
PCB-1260	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 19:09	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/23/16 13:16	04/25/16 19:09	20000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/23/16 13:16	04/25/16 19:09	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71505-1	HH4434-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71505-1	HH4434-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032

Analysis Batch: 201050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71505-1	HH4434-PCBB01	Total/NA	Solid	8082	201032

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Client Sample ID: HH4434-PCBB01

Lab Sample ID: 720-71505-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201050	04/25/16 19:09	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71505-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71505-1	HH4434-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71505-1

Login Number: 71505
List Number: 1
Creator: Arauz, Dennis

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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THE LEADER IN ENVIRONMENTAL TESTING

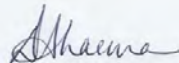
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71513-1
Client Project/Site: Building HH4434

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 4:04:58 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Job ID: 720-71513-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71513-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: HH4434-PCBC01 (720-71513-1).

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4434-PCBC01 (720-71513-1), (LCS 720-200673/2-A) and (MB 720-200673/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Client Sample ID: HH4434-PCBC01

Lab Sample ID: 720-71513-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	230		49		ug/Kg	1		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Client Sample ID: HH4434-PCBC01

Lab Sample ID: 720-71513-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/18/16 10:10	04/19/16 03:41	1
PCB-1221	ND		49		ug/Kg		04/18/16 10:10	04/19/16 03:41	1
PCB-1232	ND		49		ug/Kg		04/18/16 10:10	04/19/16 03:41	1
PCB-1242	ND		49		ug/Kg		04/18/16 10:10	04/19/16 03:41	1
PCB-1248	ND		49		ug/Kg		04/18/16 10:10	04/19/16 03:41	1
PCB-1254	ND		49		ug/Kg		04/18/16 10:10	04/19/16 03:41	1
PCB-1260	230		49		ug/Kg		04/18/16 10:10	04/19/16 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		45 - 132	04/18/16 10:10	04/19/16 03:41	1
DCB Decachlorobiphenyl	73		42 - 146	04/18/16 10:10	04/19/16 03:41	1



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71513-1	HH4434-PCBC01	75	73
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

GC Semi VOA

Analysis Batch: 200669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71513-1	HH4434-PCBC01	Total/NA	Solid	8082	200673

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71513-1	HH4434-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Client Sample ID: HH4434-PCBC01

Lab Sample ID: 720-71513-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 10:10	KMK	TAL PLS
Total/NA	Analysis	8082		1	200669	04/19/16 03:41	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4434

TestAmerica Job ID: 720-71513-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71513-1	HH4434-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71513-1

Login Number: 71513

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	90	mg/kg	20	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
		Zn	130	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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BUILDING HH4436



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING HH4436

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, L, M, R, S, Y, Z, HH, II, J3 to L3)	Vinyl Floor Tile/Mastic	9" Black with White, Brown, Green, Tan, Blue, Black with Pink and 12" Light Brown, Off-White, Beige, White, Green, Gray/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories and Some Storage. This material is under newer CMU walls and under ceramic tiles located in bedrooms.	Class II	Category I - Non-Friable	31,750 SF
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II- Non-Friable	420 SF

BUILDING HH4436

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
PP	Window Putty	White	Windows Except Restrooms	Class II	Category II-Non-Friable	8,200 SF (99 Windows)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
SS	Sealant	Tan, Window Frames	Throughout, Metal Windows	Class II	Category I - Non-Friable	305 SF (3,660 LF)
WW	Sealant	Black, Window Frame	Restroom, Aluminum Windows	Class II	Category I - Non-Friable	45 SF (540 LF)
YY	Insulation	White, Wire	Handle, Basement, Armory, North West of Distribution Counter: Electrical Box. May be inside additional electrical boxes.	Class II	Friable (RACM when Removed)	5 SF
ZZ	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	5 SF

BUILDING HH4436 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	65 SF
F3	Flex Connector	White, HVAC	Head Roof on HVAC	Class I	Friable (RACM when Removed)	5 SF
P3	Gasket	Black, Tank Valve	Basement Mechanical Room	Class II	Category I - Non-Friable	6 SF (2 Each)
R3	Gasket	Gray , Exterior Valve	Exterior, South East Corner of Handle	Class II	Category I - Non-Friable	7 SF (3 Each)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
5	1	Outside	West	Dock	Concrete	Beige	Deteriorated	6.5	mg/cm ²
6	1	Outside	West	Hand Rail	Metal	Brown	Deteriorated	3.5	mg/cm ²
7	1	Outside	South	Column	Concrete	Beige	Deteriorated	2.9	mg/cm ²
8	1	Outside	South	Wall	Concrete	Beige	Deteriorated	3.6	mg/cm ²
9	1	Outside	South	Stairs	Concrete	Brown, Light	Deteriorated	4.7	mg/cm ²
10	1	Outside	East	Curb	Concrete	Red	Deteriorated	2.2	mg/cm ²
13	1	Outside	South	Door Frame	Metal	Brown	Intact	3.4	mg/cm ²
15	1	Outside	South	Louver	Metal	Brown, Light	Deteriorated	1.2	mg/cm ²
21	1	Outside	East	Window	Metal	Brown	Intact	3.7	mg/cm ²
22	1	Outside	South	Stairs	Concrete	Brown	Deteriorated	6.1	mg/cm ²
25	1	Outside	South	Window	Metal	Brown	Deteriorated	3.4	mg/cm ²
30	1	1	South	Window Frame	Metal	Brown	Deteriorated	3.3	mg/cm ²
36	1	1	East	Trim	Wood	Blue	Intact	2.1	mg/cm ²
65	1	5	North	Door	Wood	Brown	Intact	2.3	mg/cm ²
71	1	6	South	Wall	Ceramic	White	Intact	9.3	mg/cm ²
77	1	7	South	Window	Metal	White	Deteriorated	2.4	mg/cm ²

BUILDING HH4436 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
81	1	8	North	Wall	Ceramic	Beige	Intact	14.4	mg/cm ²
90	1	Stairwell E		Stairs	Concrete	White	Deteriorated	1.1	mg/cm ²
91	1	9	South	Wall	Concrete	Brown	Intact	5.3	mg/cm ²
95	Basement	1	South	Door	Metal	Red	Intact	6.6	mg/cm ²
96	Basement	1	South	Door Frame	Metal	Red	Intact	10.1	mg/cm ²
97	Basement	2	South	Door Frame	Metal	White	Deteriorated	1	mg/cm ²
98	Basement	2	South	Door	Metal	White	Deteriorated	1	mg/cm ²
103	Basement	2	North	Door Frame	Metal	Red	Intact	1.4	mg/cm ²
111	2	Stairwell W	West	Wall	Concrete	White	Intact	1.1	mg/cm ²
125	2	3	North	Wall	Ceramic	Yellow	Intact	14.9	mg/cm ²
133	3	Stairwell W	East	Wall	Concrete	White	Intact	1.3	mg/cm ²
134	3	Stairwell W	East	Ladder	Metal	White	Intact	3.5	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING HH4436

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING HH4436

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	444
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	238
Transformers	Polychlorinated Biphenyls	1

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4436-PCBB01	Ballast Capacitor Oil	PCB-1016	330,000	mg/kg
HH4436-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.37	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4436

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black with White Specks/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Insulator Paper	Brown, Electrical Box	1
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	2
J	Wallboard/Joint Compound	White/White	2
K	Not Used	Not Used	Not Used
L	Vinyl Floor Tile/Mastic	9" Brown/Brown	1
M	Vinyl Floor Tile/Mastic	12" Light Brown/Black	2
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White with Brown Specks/Black	2
S	Vinyl Floor Tile/Mastic	9" Green/Black	1
T	Not Used	Not Used	Not Used
U	Not Used	Not Used	Not Used
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4436

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Basecove/Mastic	4" Beige/Brown	2
X	Not Used	Not Used	Not Used
Y	Vinyl Floor Tile/Mastic	9" Tan/Black	1
Z	Vinyl Floor Tile/Mastic	9" Blue/Black, Patch	1
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Lateral Fissure	2
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Not Used	Not Used	Not Used
GG	Acoustic Ceiling Panel	2'x4' White, Gouge, Fiberglass	1
HH	Vinyl Floor Tile/Mastic	12" Beige/Black	1
II	Vinyl Floor Tile/Mastic	12" White with Black Streaks/Black	2
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Acoustic Ceiling Tile	12" White Uniform Hole	1
OO	Not Used	Not Used	Not Used
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1




BUILDING HH4436

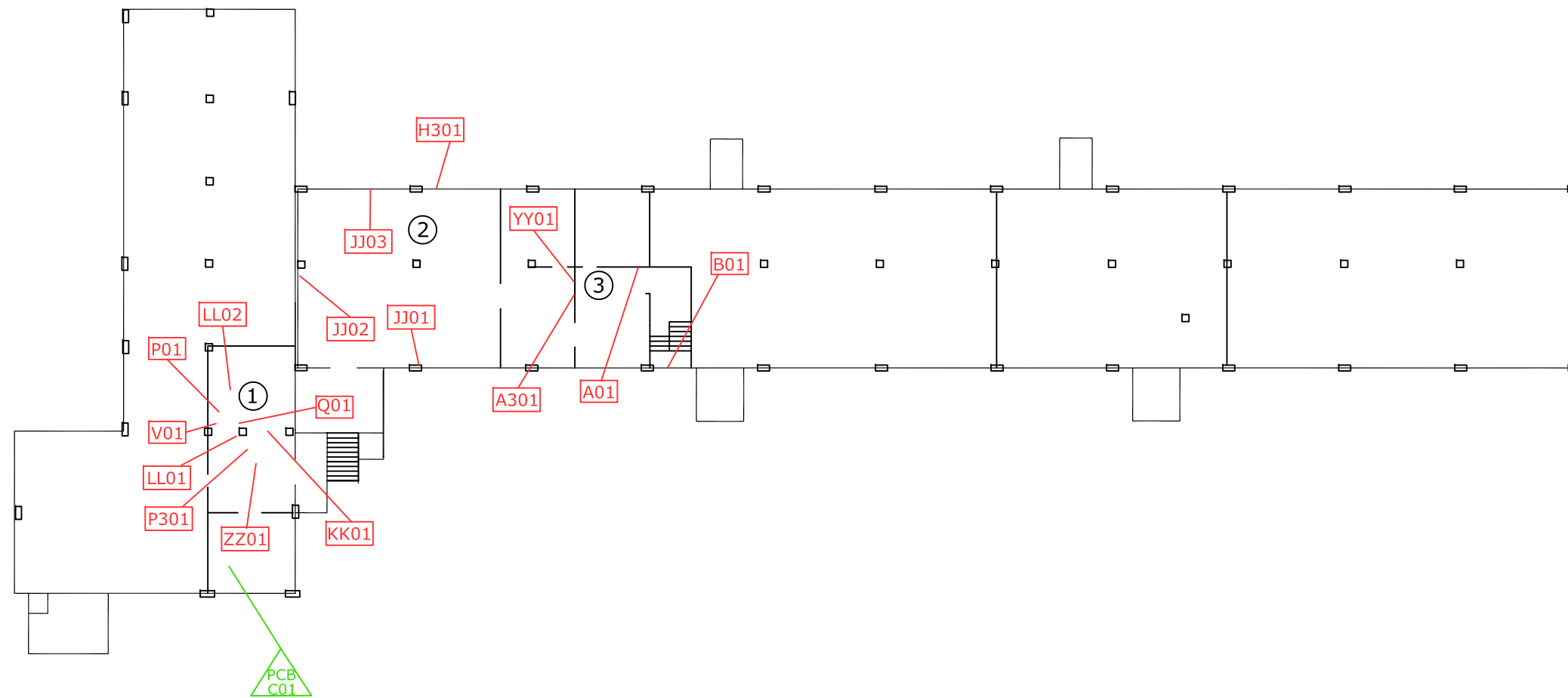
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Insulation	White, Wire	1
ZZ	Insulator	Black, Electrical Box	1
A3	Insulation Paper	Black, Electrical Box	1
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation Subsurface	1
I3	Joint Compound	White, Concrete Masonry Unit Patching	1
J3	Vinyl Floor Tile/Mastic	12" Green/Black	2
K3	Vinyl Floor Tile/Mastic	9" Gray with Gray Streaks/Black	1
L3	Vinyl Floor Tile/Mastic	9" Black with Pink Streaks/Black	1
M3	Paint/Plaster	White/Gray	2
N3	Wallboard/Joint Compound	White/White	1

**BUILDING HH4436
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
O3	Texture Coat	White, Medium	5
P3	Gasket	Black, Tank Valve	1
Q3	Glazing	White, Window	1
R3	Gasket	Gray, Exterior Valve	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

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
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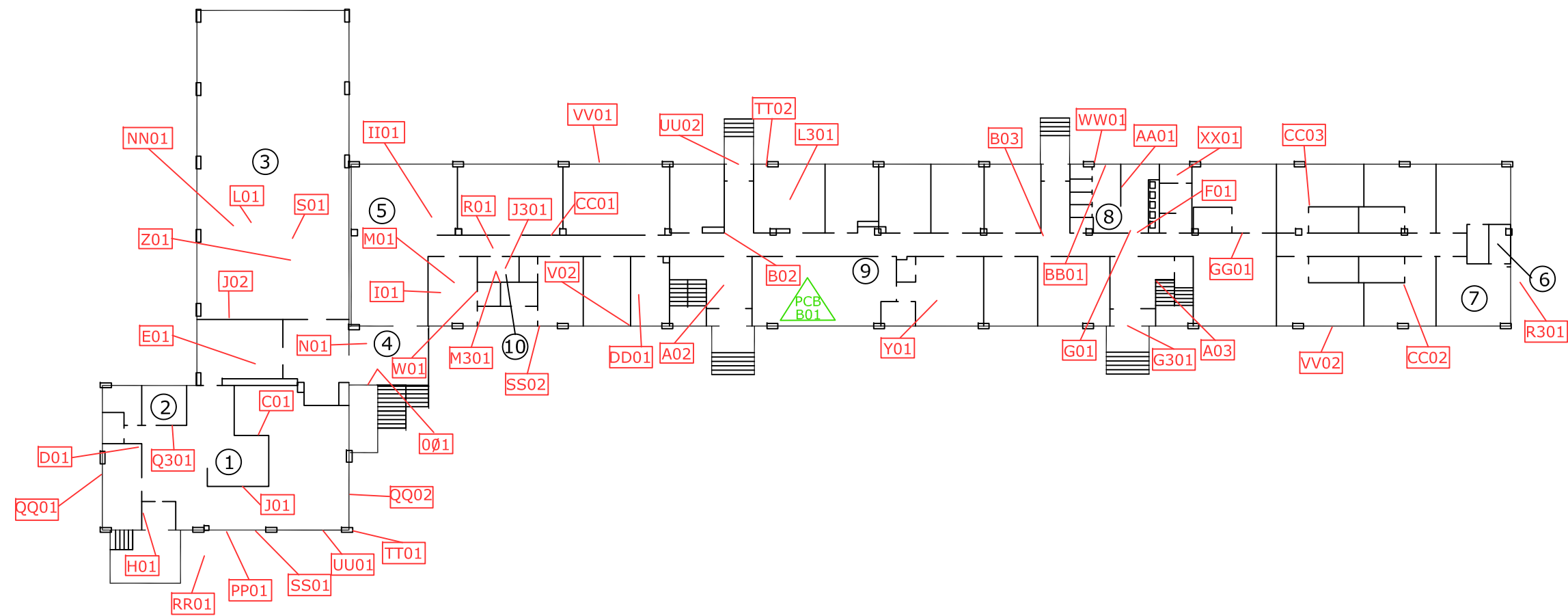
BUILDING HH4436
 SAMPLE LOCATIONS
 BASEMENT

SCALE: 1" = 30'
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FIGURE

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LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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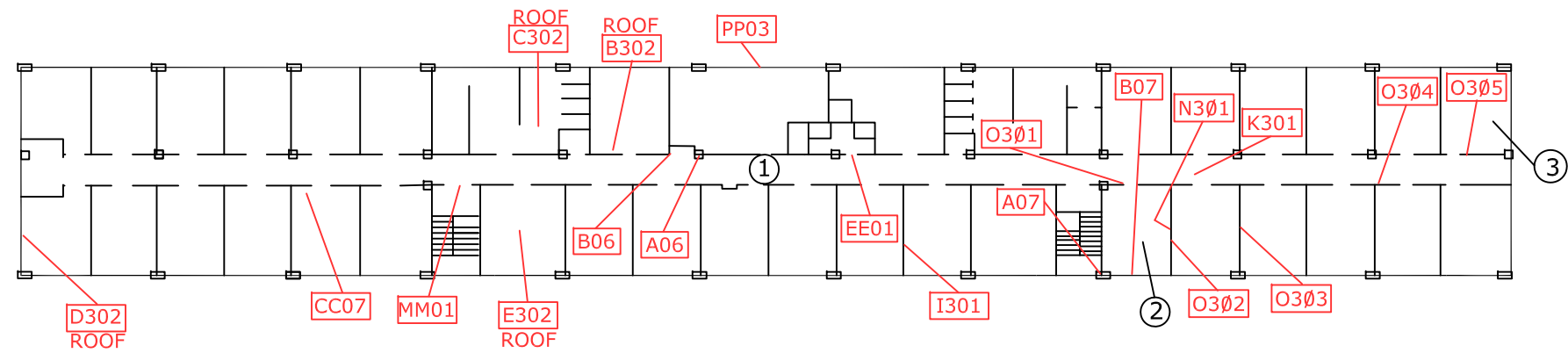
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 SAMPLE LOCATIONS
 FIRST FLOOR




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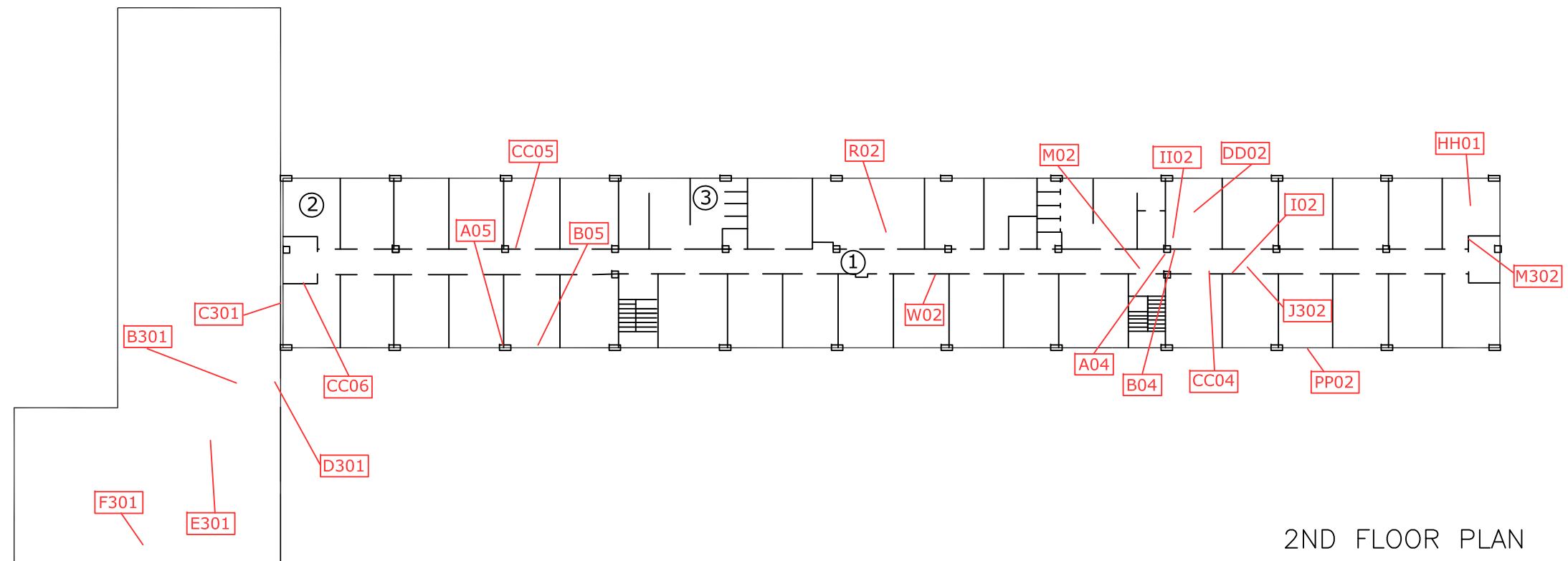
FIGURE

HH4436



3RD FLOOR PLAN

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



2ND FLOOR PLAN





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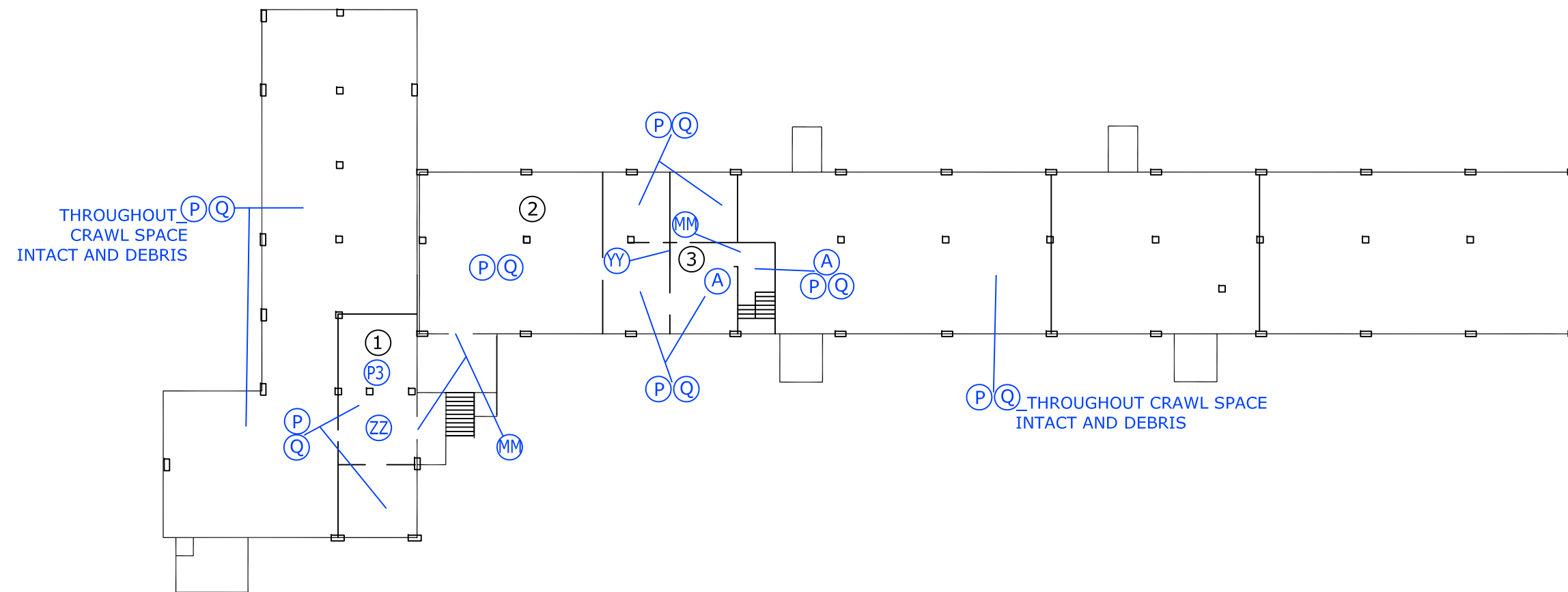
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SHEET TITLE
 BUILDING HH4436
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

SCALE: 1" = 30'
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 DATE: 05/21/2016
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FIGURE
 HH4436

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE

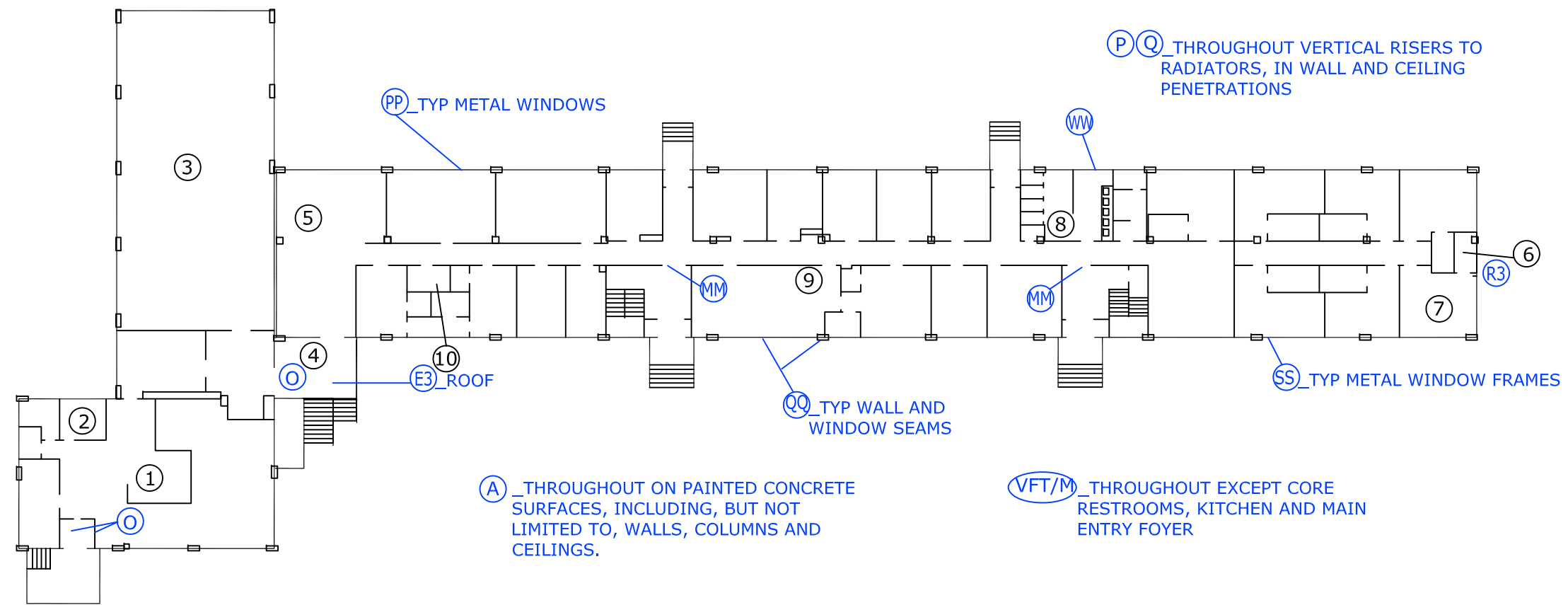
BUILDING HH4436
 MATERIAL LOCATIONS
 BASEMENT

SCALE: 1" = 30'
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 DATE: 05/21/2016
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FIGURE

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LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE

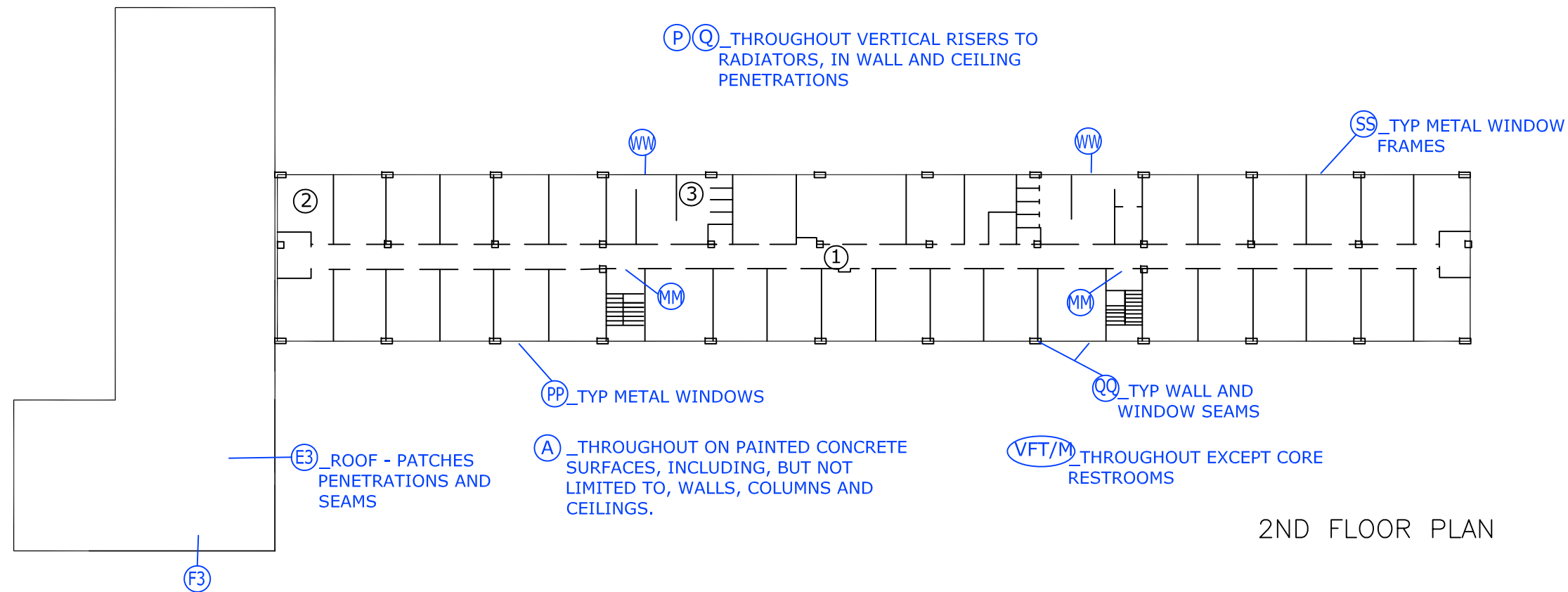
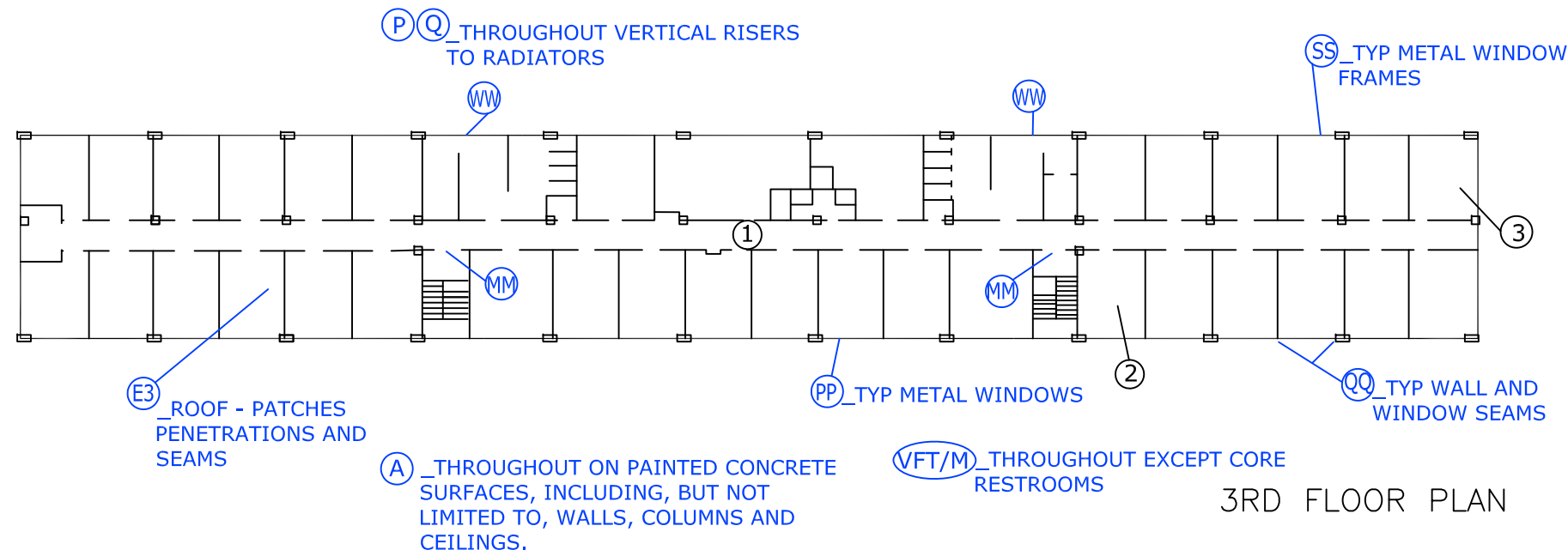
BUILDING HH4436
 MATERIAL LOCATIONS
 FIRST FLOOR

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

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LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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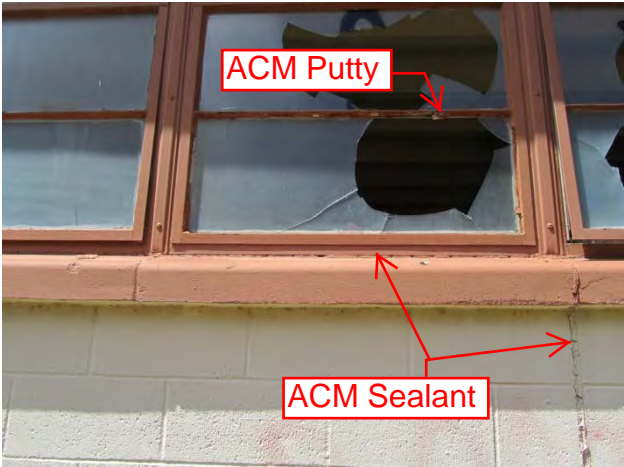
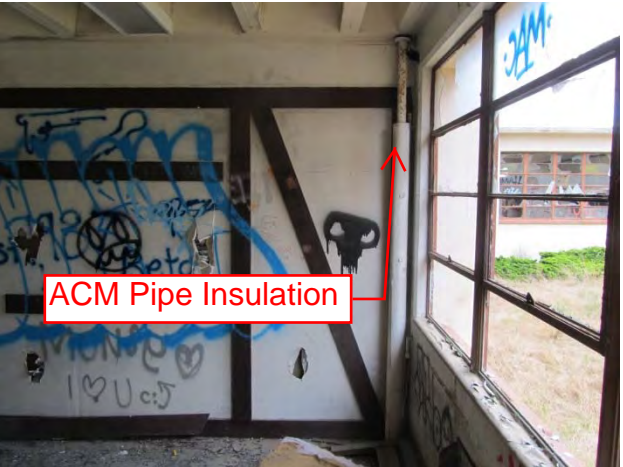
PROJECT TITLE
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SHEET TITLE
 BUILDING HH4436
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

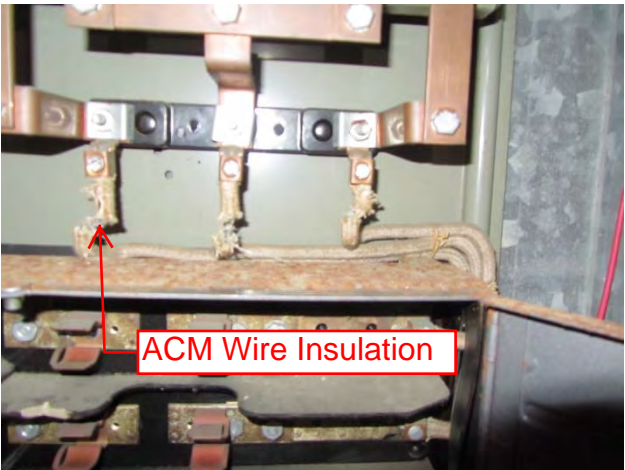
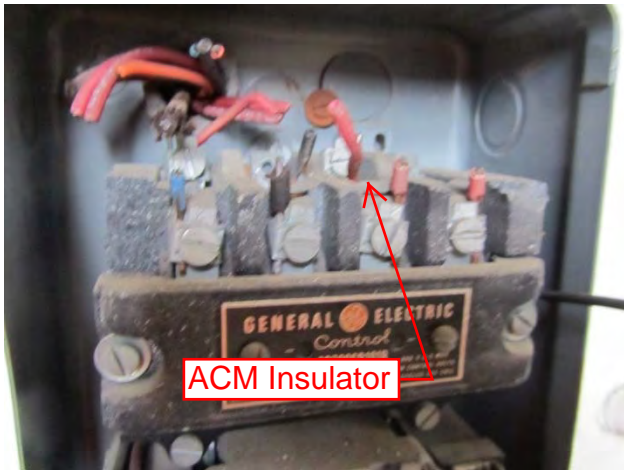
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 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 HH4436

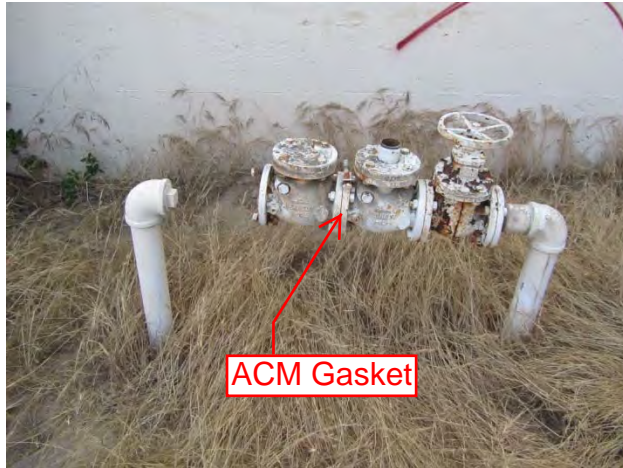
BUILDING HH4436
PHOTO DOCUMENTATION



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Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B219018
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4436, FORA

FALI Job ID: L1161
Total Samples Submitted: 110
Total Samples Analyzed: 110

Date(s) Collected: 03/28/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-A-01	11749184						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-A-02	11749185						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-A-03	11749186						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-A-04	11749187						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-A-05	11749188						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-A-06	11749189						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-A-07	11749190						
Layer: Off-White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
HH4436-B-01	11749191						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-B-02	11749192						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-B-03	11749193						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-B-04	11749194						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-B-05	11749195						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-B-06	11749196						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-B-07	11749197						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-C-01	11749198						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-D-01	11749199						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-E-01	11749200						
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4436-F-01	11749201						
Layer: White Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-G-01	11749202						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
HH4436-H-01	11749203						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HH4436-I-01	11749204						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4436-II-02	11749205						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4436-J-01	11749206						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
HH4436-J-02	11749207						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-L-01	11749208						
Layer: Brown Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4436-M-01	11749209						
Layer: Light Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-M-02	11749210						
Layer: Light Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-N-01	11749211						
Layer: Off-White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4436-O-01	11749212						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4436-P-01	11749213						
Layer: White Semi-Fibrous Material		Chrysotile	2 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4436-Q-01	11749214						
Layer: White Semi-Fibrous Material		Chrysotile	2 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4436-R-01	11749215						
Layer: Off-White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-R-02	11749216						
Layer: Off-White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

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Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-S-01	11749217						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-V-01	11749218						
Layer: White Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (15 %)							
HH4436-V-02	11749219						
Layer: White Fibrous Material			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (15 %)							
HH4436-W-01	11749220						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-W-02	11749221						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-Y-01	11749222						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4436-Z-01	11749223						
Layer: Blue Green Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4436-AA-01	11749224						
Layer: White Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-BB-01	11749225						
Layer: Grey Cementitious Material			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-CC-01	11749226						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-CC-02	11749227						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-CC-03	11749228						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-CC-04	11749229						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-CC-05	11749230						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-CC-06	11749231						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-CC-07	11749232						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-DD-01	11749233						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4436-DD-02	11749234						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4436-EE-01	11749235						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-GG-01	11749236						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4436-HH-01	11749237						
Layer: Beige Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4436-II-01	11749238						
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-II-02	11749239						
Layer: White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-JJ-01	11749240						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-JJ-02	11749241						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-JJ-03	11749242						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-KK-01	11749243						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4436-LL-01	11749244						
Layer: White Woven Material			ND				
Layer: Foil			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
HH4436-LL-02	11749245						
Layer: White Woven Material			ND				
Layer: Foil			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
HH4436-MM-01	11749246						
Layer: White Fibrous Material		Chrysotile	60 %				
Total Composite Values of Fibrous Components:		Asbestos (60%)					
Cellulose (30 %)							
HH4436-NN-01	11749247						
Layer: Orange Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (99 %)							
HH4436-PP-01	11749248						
Layer: White Putty		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-PP-02	11749249						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-PP-03	11749250						
Layer: White Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4436-QQ-01	11749251						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (10 %)							
HH4436-QQ-02	11749252						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (10 %)							
HH4436-RR-01	11749253						
Layer: Grey Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-SS-01	11749254						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-SS-02	11749255						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-TT-01	11749256						
Layer: White Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-TT-02	11749257						
Layer: White Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-UU-01	11749258						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-UU-02	11749259						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-VV-01	11749260						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-VV-02	11749261						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-WW-01	11749262						
Layer: Black Non-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)	Synthetic (5 %)						
HH4436-XX-01	11749263						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)	Synthetic (10 %)						
HH4436-YY-01	11749264						
Layer: White Woven Material			ND				
Layer: Off-White Fibrous Material		Chrysotile	50 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (75 %)	Synthetic (10 %)						
HH4436-ZZ-01	11749265						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4436-A3-01	11749266						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							

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Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-B3-01	11749267						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Synthetic (5 %)							
Comment: Bulk complex sample.							
HH4436-B3-02	11749268						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Synthetic (5 %)							
Comment: Bulk complex sample.							
HH4436-C3-01	11749269						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Synthetic (5 %)							
Comment: Bulk complex sample.							
HH4436-C3-02	11749270						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Synthetic (5 %)							
Comment: Bulk complex sample.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-D3-01	11749271						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Synthetic (5 %)							
Comment: Bulk complex sample.							
HH4436-D3-02	11749272						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Synthetic (5 %)							
Comment: Bulk complex sample.							
HH4436-E3-01	11749273						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4436-E3-02	11749274						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4436-F3-01	11749275						
Layer: White Fibrous Material		Chrysotile	60 %				
Layer: Red-Brown Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (59%)					
Synthetic (30 %)							
HH4436-G3-01	11749276						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4436-H3-01	11749277						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-I3-01	11749278						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-J3-01	11749279						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-J3-02	11749280						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4436-K3-01	11749281						
Layer: Light Grey Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4436-L3-01	11749282						
Layer: Black Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
HH4436-M3-01	11749283						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-M3-02	11749284						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4436-N3-01	11749285						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4436-O3-01	11749286						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-O3-02	11749287						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-O3-03	11749288						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-O3-04	11749289						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-O3-05	11749290						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-P3-01	11749291						
Layer: Dark Grey Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (20%)					
HH4436-Q3-01	11749292						
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4436-R3-01	11749293						
Layer: Black Semi-Fibrous Material		Chrysotile	30 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (30%)					

Client Name: Vista Environmental Consultants

Report Number: B219018

Date Printed: 04/05/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008097
Date Received: 03/31/16
Date Analyzed: 04/13/16
Date Printed: 04/13/16

Job ID/Site: 161091001 - HH4436, FORA

FALI Job ID: L1161

PLM Report Number: B219018

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4436-A-01	11749184	Off-White Skimcoat

Point Count Results:

Number of asbestos points counted:	3
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4436-A-02	11749185	Off-White Skimcoat
--------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted:	3
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4436-A-03	11749186	Off-White Skimcoat
--------------------	----------	---------------------------

Point Count Results:

Number of asbestos points counted:	2
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008097
Date Received: 03/31/16
Date Analyzed: 04/13/16
Date Printed: 04/13/16

Job ID/Site: 161091001 - HH4436, FORA

FALI Job ID: L1161

PLM Report Number: B219018

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4436-A-04	11749187	Off-White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4436-A-05	11749188	Off-White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4436-A-06	11749189	Off-White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008097
Date Received: 03/31/16
Date Analyzed: 04/13/16
Date Printed: 04/13/16

Job ID/Site: 161091001 - HH4436, FORA

FALI Job ID: L1161

PLM Report Number: B219018

Total Samples Submitted: 7

Total Samples Analyzed: 7

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4436-A-07	11749190	Off-White Skimcoat

Point Count Results:

Number of asbestos points counted:	3
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	A	01	PAINT/SKIM COAT	WHITE/WHITE,	CONCRETE	
HH4436	A	02				
HH4436	A	03				
HH4436	A	04				
HH4436	A	05				
HH4436	A	06				
HH4436	A	07				
HH4436	B	01	PAINT/SKIM COAT	WHITE/WHITE,	CMU	
HH4436	B	02				
HH4436	B	03				

ANALYTICAL METHOD: PLM ~~SCPT/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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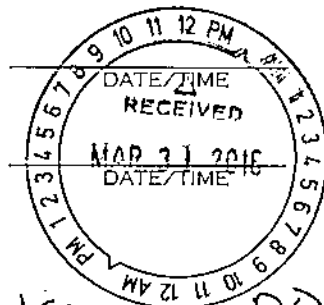
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	B	04				
HH4436	B	05				
HH4436	B	06				
HH4436	B	07				
HH4436	C	01	MORTAR/GROUT	GRAY/GRAY, QUARRY FLOOR		
HH4436	D	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC WALL		
HH4436	E	01	VFT/MAS	9"BLACK/BLACK		
HH4436	F	01	MORTAR/GROUT	WHITE/GRAY, CERAMIC FLOOR		
HH4436	G	01	VAPOR BARRIER	BLACK, FLOOR		
HH4436	H	01	INSULATOR PAPER	BROWN, ELECT. BOX		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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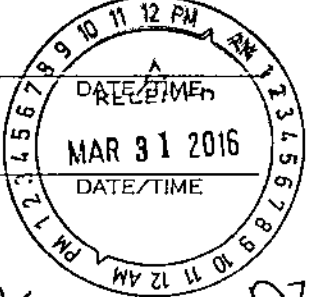
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ASBESTOS BULK SAMPLE LOG

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FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	I	01	ACP	2'x4' WHITE GOUGE PINHOLE		
HH4436	I	02	↓	↓		
HH4436	J	01	WB/ce	WHITE/WHITE WALLS		
HH4436	J	02	↓	↓		
HH4436	L	01	VFT/MAS	9" BROWN/BLACK		
HH4436	M	01	VFT/MAS	12" LIGHT BROWN/BLACK		
HH4436	M	02	↓	↓		
HH4436	N	01	WALLBOARD	WHITE, CEILING		
HH4436	O	01	CEMENT PANEL	GRAY, WALL		
HH4436	P	01	TSI	WHITE, 4" x 6" OD PIPES		

ANALYTICAL METHOD: PLM ~~MOET/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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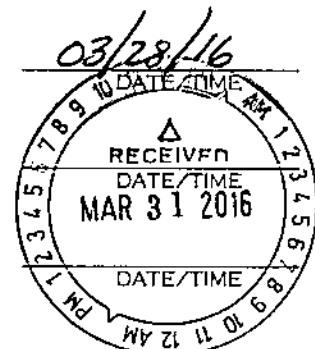
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	Q	01	TST	WHITE, 4"-6" OD FITTINGS		
HH4436	R	01	VPT/MAS	12" OFF-WHITE, WITH BROWN SPARKS/BLACK		
HH4436	R	02	↓	↓		
HH4436	S	01	VPT/MAS	9" GREEN/BLACK		
HH4436	V	01	JACKETING	WHITE, PIPES		
HH4436	V	02	↓	↓		
HH4436	W	01	BASECOVE/MAS	4" BEIGE/BROWN		
HH4436	W	02	↓	↓		
HH4436	Y	01	VPT/MAS	9" TAN/BLACK		
HH4436	Z	01	VPT/MAS	9" BLUE/BLACK		

ANALYTICAL METHOD: PLM ~~GC/FT-ICR/MS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
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CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	DD	02	↓	↓		
HH4436	EE	01	ROCKWOL/FIBROGLASS	GRAY/GRAY/BLACK		
HH4436	GG	01	ACP	2'x9' WHITE, GOUGE FIBERGLASS		
HH4436	HH	01	VFT/MAS	12" BEIGE/BLACK		
HH4436	II	01	VFT/MAS	12" WHITE WITH BLACK STREAKS/BLACK		
HH4436	II	02	↓	↓		
HH4436	JJ	01	PAINT/CONCRETE	WHITE/GRAY, BASEMENT		
HH4436	JJ	02	↓	↓		
HH4436	JJ	03	↓	↓		
HH4436	KK	01	INSULATION	BLACK, WIRE		

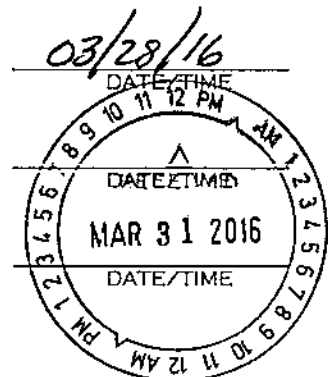
ANALYTICAL METHOD: PLM ~~4000 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
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CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	LL	01	JACKETING	WHITE, TANK		
HH4436	LL	02	↓	↓		
HH4436	MM	01	INSULATION	WHITE, FIRE DOOR		
HH4436	NN	01	ACT	12" WHITE UNIFORM HOLE		
HH4436	PP	01	PWTY	WHITE, WINDOW		
HH4436	PP	02	↓	↓		
HH4436	PP	03	↓	↓		
HH4436	QQ	01	SEALANT/EXPANSION JOINT	TAN/BROWN, SLABS		
HH4436	QQ	02	↓	↓		
HH4436	RR	01	COATING	GRAY, EXTERIOR		

ANALYTICAL METHOD: PLM ~~400 FT. COUNTE~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	SS	01	SEALANT	TAN, WINDOW FRAME		
HH4436	SS	02	↓	↓		
HH4436	TT	01	PAINT	WHITE, EXTERIOR		
HH4436	TT	02	↓	↓		
HH4436	UU	01	CONCRETE	GRAY, STRUCTURAL		
HH4436	UU	02	↓	↓		
HH4436	VV	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY, EXT		
HH4436	VV	02	↓	↓		
HH4436	WW	01	SEALANT	BLACK, WINDOW FRAME		
HH4436	XX	01	GASKET	BLACK, LIFE?		

ANALYTICAL METHOD: PLM ~~400 FT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

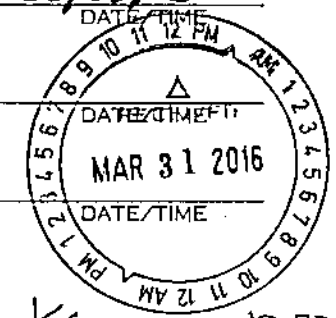
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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8899

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	YY	01	INSULATION	WHITE, WIRE		
HH4436	ZZ	01	INSULATOR	BLACK, ELLECT. BOX		
HH4436	A3	01	INSULATION PAPER	BLACK, ELLECT. BOX		
HH4436	B3	01	ROOFING	BLACK & BLACK, T&G		
HH4436	B3	02	↓	↓		
HH4436	C3	01	PARADET/BASE	BLACK/BLACK, BUILT-UP		
HH4436	C3	02	↓	↓		
HH4436	D3	01	FLASHING	BLACK & BLACK, T&G		
HH4436	D3	02	↓	↓		
HH4436	E3	01	MASTIC	GRAY & BLACK, ROOF		

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

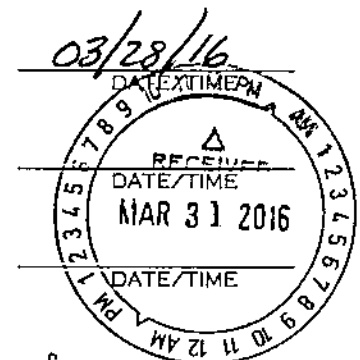
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CHAIN OF CUSTODY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	E3	02	↓	↓		
HH4436	F3	01	FLEX CONNECTOR	WHITE, HVAC ROOF		
HH4436	G3	01	INSULATION	BROWN, FIRE DOOR		
HH4436	H3	01	VAPOR BARRIER	BLACK, FOUNDATION		
HH4436	I3	01	JOINT COMPOUND	WHITE, CMU		
HH4436	J3	01	VFT/MAS	12" GREEN / BLACK		
HH4436	J3	02	↓	↓		
HH4436	K3	01	VFT/MAS	12" GRAY & GRAY STREAKS / BLACK		
HH4436	L3	01	VFT/MAS	9" BLACK W/ PINK STREAKS / BLACK		
HH4436	M3	01	PAINT/PLASTER	WHITE / GRAY		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY

1. [Signature]
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

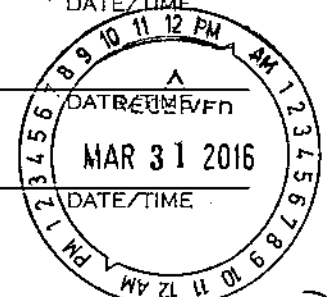
03/28/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME



KC DD



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/28/16

LOCATION: HH 4436

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4436	M3	02	↓	↓		
HH4436	N3	01	WB/SC	WHITE/WHITE WALLS		
HH4436	O3	01	TEXTURE COAT	WHITE, MEDIUM		
HH4436	O3	02	↓	↓		
HH4436	O3	03	↓	↓		
HH4436	O3	04	↓	↓		
HH4436	O3	05	↓	↓		
HH4436	P3	01	GASKET	GRAY & BLACK, VALVE TANK		
HH4436	Q3	01	GLAZING	WHITE, WINDOW		
HH4436	R3	01	(GASKET)	BLACK, EXTE- RIOR VALVES		

ANALYTICAL METHOD: PLM ~~ACFT COLT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

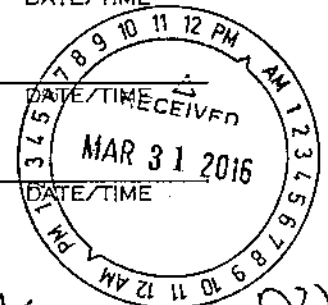
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

- [Signature] TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME
- ____ TRANSFER SIGNATURE _____ PRINTED NAME
- ____ TRANSFER SIGNATURE _____ PRINTED NAME

03/28/16
DATE/TIME



PAGE 11 OF 11

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**FORA
HH4436
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					3.11	cps
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1.1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
5	HH 4436	1	OUTSIDE	WEST	DOCK	CONCRETE	BEIGE	DETERIORATED	Positive	6.5	mg/cm ²
6	HH 4436	1	OUTSIDE	WEST	HAND RAIL	METAL	BROWN	DETERIORATED	Positive	3.5	mg/cm ²
7	HH 4436	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Positive	2.9	mg/cm ²
8	HH 4436	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Positive	3.6	mg/cm ²
9	HH 4436	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN, LIGHT	DETERIORATED	Positive	4.7	mg/cm ²
10	HH 4436	1	OUTSIDE	EAST	CURB	CONCRETE	RED	DETERIORATED	Positive	2.2	mg/cm ²
11	HH 4436	1	OUTSIDE	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.17	mg/cm ²
12	HH 4436	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0.02	mg/cm ²
13	HH 4436	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.4	mg/cm ²
14	HH 4436	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
15	HH 4436	1	OUTSIDE	SOUTH	LOUVER	METAL	BROWN, LIGHT	DETERIORATED	Positive	1.2	mg/cm ²
16	HH 4436	1	OUTSIDE	EAST	PIPE	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
17	HH 4436	1	OUTSIDE	SOUTH	WALL	WOOD	BEIGE	INTACT	Negative	0.5	mg/cm ²
18	HH 4436	1	OUTSIDE	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
19	HH 4436	1	OUTSIDE	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
20	HH 4436	1	OUTSIDE	EAST	WINDOW SILL	WOOD	BROWN	DETERIORATED	Negative	0.23	mg/cm ²
21	HH 4436	1	OUTSIDE	EAST	WINDOW	METAL	BROWN	INTACT	Positive	3.7	mg/cm ²
22	HH 4436	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Positive	6.1	mg/cm ²
23	HH 4436	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
24	HH 4436	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
25	HH 4436	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	DETERIORATED	Positive	3.4	mg/cm ²

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**FORA
HH4436
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
26	HH 4436	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
27	HH 4436	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
28	HH 4436	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
29	HH 4436	1	1	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
30	HH 4436	1	1	SOUTH	WINDOW FRAME	METAL	BROWN	DETERIORATED	Positive	3.3	mg/cm ²
31	HH 4436	1	1	NORTH	WINDOW FRAME	WOOD	BLUE	INTACT	Negative	0.4	mg/cm ²
32	HH 4436	1	1	NORTH	DOOR FRAME	WOOD	BLUE	INTACT	Negative	0	mg/cm ²
33	HH 4436	1	1	NORTH	DOOR	WOOD	WHITE	INTACT	Negative	0.5	mg/cm ²
34	HH 4436	1	1	EAST	WALL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
35	HH 4436	1	1	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
36	HH 4436	1	1	EAST	TRIM	WOOD	BLUE	INTACT	Positive	2.1	mg/cm ²
37	HH 4436	1	1	NORTH	WALL	DRYWALL	BROWN	INTACT	Negative	0.21	mg/cm ²
38	HH 4436	1	1		FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
40	HH 4436	1	1		BEAM	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
41	HH 4436	1	2	NORTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.18	mg/cm ²
42	HH 4436	1	2	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.07	mg/cm ²
43	HH 4436	1	2	NORTH	BASEBOARD	CONCRETE	BLACK	INTACT	Negative	0.24	mg/cm ²
44	HH 4436	1	2	NORTH	RADIATOR	METAL	BLACK	INTACT	Negative	0	mg/cm ²
45	HH 4436	1	2	SOUTH	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0.06	mg/cm ²
46	HH 4436	1	3	WEST	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.5	mg/cm ²
47	HH 4436	1	3	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
48	HH 4436	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.18	mg/cm ²
49	HH 4436	1	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
50	HH 4436	1	3	EAST	EXPANSION JOINT	METAL	WHITE	DETERIORATED	Negative	0.6	mg/cm ²
51	HH 4436	1	3	EAST	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²

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**FORA
HH4436
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
52	HH 4436	1	3	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
53	HH 4436	1	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
54	HH 4436	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
55	HH 4436	1	5		CEILING	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
56	HH 4436	1	5	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.16	mg/cm ²
57	HH 4436	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
58	HH 4436	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
59	HH 4436	1	5	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
60	HH 4436	1	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
61	HH 4436	1	5	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.22	mg/cm ²
62	HH 4436	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
63	HH 4436	1	5	NORTH	PIPE	METAL	RED	INTACT	Negative	0.26	mg/cm ²
64	HH 4436	1	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
65	HH 4436	1	5	NORTH	DOOR	WOOD	BROWN	INTACT	Positive	2.3	mg/cm ²
66	HH 4436	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
67	HH 4436	1	5	WEST	RADIATOR	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
68	HH 4436	1	5	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
69	HH 4436	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.2	mg/cm ²
70	HH 4436	1	6	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
71	HH 4436	1	6	SOUTH	WALL	CERAMIC	WHITE	INTACT	Positive	9.3	mg/cm ²
72	HH 4436	1	6		FLOOR	CERAMIC	GRAY	INTACT	Negative	0.01	mg/cm ²
73	HH 4436	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
74	HH 4436	1	7	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
75	HH 4436	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
76	HH 4436	1	7	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.17	mg/cm ²

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**FORA
HH4436
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
77	HH 4436	1	7	SOUTH	WINDOW	METAL	WHITE	DETERIORATED	Positive	2.4	mg/cm ²
78	HH 4436	1	7	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.14	mg/cm ²
79	HH 4436	1	7	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
80	HH 4436	1	8	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
81	HH 4436	1	8	NORTH	WALL	CERAMIC	BEIGE	INTACT	Positive	14.4	mg/cm ²
82	HH 4436	1	8	WEST	STALL	METAL	BLUE	INTACT	Negative	0.01	mg/cm ²
83	HH 4436	1	8		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
84	HH 4436	1	8		CEILING	CERAMIC	WHITE	DETERIORATED	Negative	0.12	mg/cm ²
85	HH 4436	1	STAIRWELL E		CEILING	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
86	HH 4436	1	STAIRWELL E	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
87	HH 4436	1	STAIRWELL E	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
88	HH 4436	1	STAIRWELL E		HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.29	mg/cm ²
89	HH 4436	1	STAIRWELL E		STAIRS	CONCRETE	BLACK	DETERIORATED	Negative	0.4	mg/cm ²
90	HH 4436	1	STAIRWELL E		STAIRS	CONCRETE	WHITE	DETERIORATED	Positive	1.1	mg/cm ²
91	HH 4436	1	9	SOUTH	WALL	CONCRETE	BROWN	INTACT	Positive	5.3	mg/cm ²
92	HH 4436	1	10	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0.04	mg/cm ²
93	HH 4436	1	10	SOUTH	WALL	PLASTER	BROWN	INTACT	Negative	0.02	mg/cm ²
94	HH 4436	1	10		CEILING	PLASTER	WHITE	INTACT	Negative	0.05	mg/cm ²
95	HH 4436	BASEMENT	1	SOUTH	DOOR	METAL	RED	INTACT	Positive	6.6	mg/cm ²
96	HH 4436	BASEMENT	1	SOUTH	DOOR FRAME	METAL	RED	INTACT	Positive	10.1	mg/cm ²
97	HH 4436	BASEMENT	2	SOUTH	DOOR FRAME	METAL	WHITE	DETERIORATED	Positive	1	mg/cm ²
98	HH 4436	BASEMENT	2	SOUTH	DOOR	METAL	WHITE	DETERIORATED	Positive	1	mg/cm ²
99	HH 4436	BASEMENT	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
100	HH 4436	BASEMENT	2	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
101	HH 4436	BASEMENT	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4436
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
102	HH 4436	BASEMENT	2		FLOOR	CONCRETE	GRAY	INTACT	Negative	0.01	mg/cm ²
103	HH 4436	BASEMENT	2	NORTH	DOOR FRAME	METAL	RED	INTACT	Positive	1.4	mg/cm ²
104	HH 4436	BASEMENT	2	NORTH	DOOR	METAL	RED	INTACT	Negative	0.3	mg/cm ²
105	HH 4436	BASEMENT	2	EAST	COUNTR	METAL	BLACK	INTACT	Negative	0.01	mg/cm ²
106	HH 4436	BASEMENT	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
107	HH 4436	BASEMENT	3	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
108	HH 4436	BASEMENT	3	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
109	HH 4436	BASEMENT	3	EAST	DOOR	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
110	HH 4436	2	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
111	HH 4436	2	STAIRWELL W	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.1	mg/cm ²
112	HH 4436	2	STAIRWELL W	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
113	HH 4436	2	STAIRWELL W		FLOOR	CONCRETE	YELLOW	INTACT	Negative	0.08	mg/cm ²
114	HH 4436	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.22	mg/cm ²
115	HH 4436	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
116	HH 4436	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
117	HH 4436	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
118	HH 4436	2	1	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
119	HH 4436	2	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
120	HH 4436	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
121	HH 4436	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
122	HH 4436	2	2	SOUTH	WINDOW SILL	PLASTER	WHITE	INTACT	Negative	0.13	mg/cm ²
123	HH 4436	2	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.3	mg/cm ²
124	HH 4436	2	2	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
125	HH 4436	2	3	NORTH	WALL	CERAMIC	YELLOW	INTACT	Positive	14.9	mg/cm ²
126	HH 4436	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²

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**FORA
HH4436
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
127	HH 4436	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
128	HH 4436	3	1	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
129	HH 4436	3	1	SOUTH	DOOR FRAME	METAL	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
130	HH 4436	3	1	SOUTH	DOOR	METAL	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
131	HH 4436	3	2	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
132	HH 4436	3	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
133	HH 4436	3	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	1.3	mg/cm ²
134	HH 4436	3	STAIRWELL W	EAST	LADDER	METAL	WHITE	INTACT	Positive	3.5	mg/cm ²
282					CALIBRATE				Positive	1	mg/cm ²
283					CALIBRATE				Positive	1	mg/cm ²
284					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

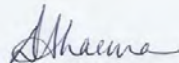
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71503-1
Client Project/Site: Building HH4436

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:31:38 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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results through
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Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
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- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Job ID: 720-71503-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71503-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4436-PCBB01 (720-71503-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: HH4436-PCBB01 (720-71503-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Client Sample ID: HH4436-PCBB01

Lab Sample ID: 720-71503-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	330000000		270000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Client Sample ID: HH4436-PCBB01

Lab Sample ID: 720-71503-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	330000000		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:36	20000
PCB-1221	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:36	20000
PCB-1232	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:36	20000
PCB-1242	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:36	20000
PCB-1248	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:36	20000
PCB-1254	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:36	20000
PCB-1260	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 18:36	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/23/16 13:16	04/25/16 18:36	20000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/23/16 13:16	04/25/16 18:36	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71503-1	HH4436-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A
Matrix: Solid
Analysis Batch: 201040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71503-1	HH4436-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032

Analysis Batch: 201050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71503-1	HH4436-PCBB01	Total/NA	Solid	8082	201032

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Client Sample ID: HH4436-PCBB01

Lab Sample ID: 720-71503-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201050	04/25/16 18:36	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71503-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71503-1	HH4436-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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Pleasanton, CA 94566
Phone 925.464.1919 Fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc.

720-71503

167893

Client Contact: Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-348-8860
888-296-0271
FAX
FORA
HH4436
161091001

Project Manager: Chris Burns
Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Site Contact: _____ Date: _____
Carrier: _____
COC No.: _____ of _____ COCs

Sampler: _____
For Lab Use Only:
Walk-in Client: _____
Lab Sampling: _____
Job / SDG No.: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C-Conts, G-Grabs)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
HH4436-PCBB01	4/8/2016	1100 G		Solid	1		X	
720-71503 Chain of Custody								

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other 1
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments: Please email report to christburns@vista-env.com & molli@vista-env.com
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposal by Lab Archive for _____ Months

Custody Seals Intact: Yes No
Custody Seal No.: _____
Custody Temp. (°C): Obs'd: _____
Therm ID No.: _____

Relinquished by: [Signature] Vista
Date/Time: 04/12/16 0900
Relinquished by: [Signature] Vista
Date/Time: 04/12/16 1350

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71503-1

Login Number: 71503
List Number: 1
Creator: Arauz, Dennis

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

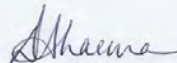
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71514-1
Client Project/Site: Building HH4436

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 4:07:35 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Job ID: 720-71514-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71514-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: HH4436-PCBC01 (720-71514-1).

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4436-PCBC01 (720-71514-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Client Sample ID: HH4436-PCBC01

Lab Sample ID: 720-71514-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	370		98		ug/Kg	2		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
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- 7
- 8
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- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Client Sample ID: HH4436-PCBC01

Lab Sample ID: 720-71514-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		98		ug/Kg		04/18/16 10:10	04/19/16 12:09	2
PCB-1221	ND		98		ug/Kg		04/18/16 10:10	04/19/16 12:09	2
PCB-1232	ND		98		ug/Kg		04/18/16 10:10	04/19/16 12:09	2
PCB-1242	ND		98		ug/Kg		04/18/16 10:10	04/19/16 12:09	2
PCB-1248	ND		98		ug/Kg		04/18/16 10:10	04/19/16 12:09	2
PCB-1254	ND		98		ug/Kg		04/18/16 10:10	04/19/16 12:09	2
PCB-1260	370		98		ug/Kg		04/18/16 10:10	04/19/16 12:09	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	89		45 - 132	04/18/16 10:10	04/19/16 12:09	2
<i>DCB Decachlorobiphenyl</i>	90		42 - 146	04/18/16 10:10	04/19/16 12:09	2

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71514-1	HH4436-PCBC01	89	90
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

GC Semi VOA

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71514-1	HH4436-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 200727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71514-1	HH4436-PCBC01	Total/NA	Solid	8082	200673

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Client Sample ID: HH4436-PCBC01

Lab Sample ID: 720-71514-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 10:10	KMK	TAL PLS
Total/NA	Analysis	8082		2	200727	04/19/16 12:09	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4436

TestAmerica Job ID: 720-71514-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71514-1	HH4436-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71514-1

Login Number: 71514

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
Zn	90	mg/kg	20	EPA 3050B/6010B		



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
		Zn	130	mg/kg	10	EPA 3050B/6010B

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001	Date: 4/13/16
	Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271	Due Date: _____ Due Time: _____	
	<input type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Site: FORA	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402	
Job: HH	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %	
	<input type="checkbox"/> TEM Microvac	
	<input type="checkbox"/> Special Project:	
	<input checked="" type="checkbox"/> Metals Analysis: Method <u>Waste</u>	
	Matrix: <u>Solid</u>	
	Analytes: <u>CAM 17</u>	

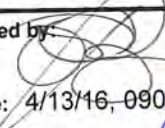

Comments / Email Reports To:
chrisburns@vista-env.com & molli@vista-env.com

Hold for Possible TCLP & STLC

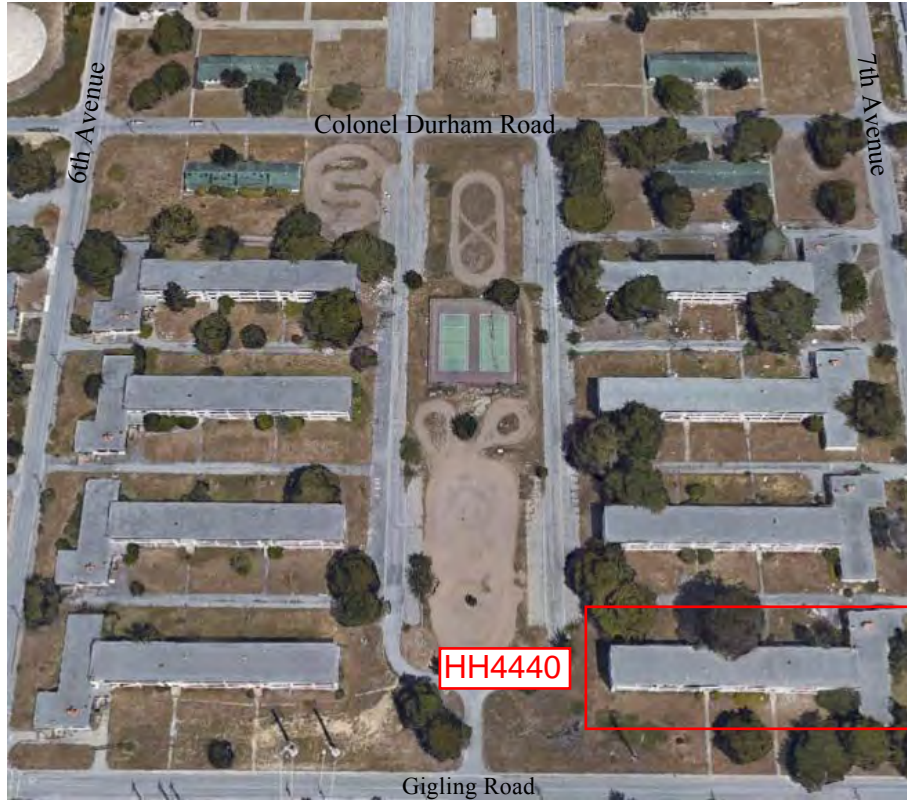
Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
HH-T22-01	4/13/16	Interior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-02	4/13/16	Exterior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-03	4/13/16	Ceramic Tile/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-04	4/13/16	CMU-94%, Roofing-4%, Plaster/Stucco/Wallboard/Wood (painted and not)-2%	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		(% by Weight)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns **Date:** 4/13/16 **Time:** 0900

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by:  Date / Time: 4/13/16, 0900	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by:  Date / Time:	Received by: Date / Time:	Received by: Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING HH4440



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING HH4440

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, M, R, S, Y, Z, HH)	Vinyl Floor Tile/Mastic	9" Black, Green, Maroon, Blue and 12" Light Brown, Off-White, Beige/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories and Storage. This material is under newer CMU walls and under ceramic tiles located in bedrooms.	Class II	Category I - Non-Friable	29,750 SF
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II- Non-Friable	400 SF

BUILDING HH4440

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
LL	Jacketing	White, Tank	Boiler Room	Class I	Friable (RACM when Removed)	600 SF (2 Tanks)
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
PP	Window Putty	White	Windows Except Restrooms	Class II	Category II-Non-Friable	8,200 SF (99 Windows)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
SS	Sealant	Tan, Window Frames	Throughout, Metal Windows	Class II	Category I - Non-Friable	305 SF (3,660 LF)
ZZ	Insulator	Black, Electrical Box	Head, Boiler Room and Kitchen North East Room Electrical Boxes. May be inside additional electrical boxes.	Class II	Category II-Non-Friable	10 SF
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	65 SF

BUILDING HH4440 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
F3	Flex Connector	White, HVAC	Head Roof on HVAC	Class I	Friable (RACM when Removed)	5 SF
I3	Gasket	White, Round Tank	Basement Boiler Room - South Tank	Class II	Category I - Non-Friable	8 SF (2 Each)
N3	Insulation	White, Breech	Boiler Room	Class I	Friable (RACM when Removed)	3,000 SF
R3	Insulator Board	Black, Electrical Box	Boiler Room North East Electrical Box. May be inside additional electrical boxes.	Class II	Category II - Non-Friable	2 SF (1 Each)
X3	Glazing	Tan, Window, Interior	Kitchen Office Window	Class II	Category II - Non-Friable	100 SF (Windows)
Y3	Insulation, Packings, Gaskets And Bricks	Various	Interior of Boiler. The interior of the boiler is inaccessible. All interior materials are assumed to be asbestos.	Class I and II	Friable (RACM when Removed) and Category I - Non-Friable	2,300 SF (3 Boilers)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
367	1	Outside	East	Curb	Concrete	Yellow	Deteriorated	5.5	mg/cm ²
370	1	Outside	North	Door Frame	Metal	Brown	Intact	2.2	mg/cm ²
373	1	Outside	North	Louver	Metal	Beige	Deteriorated	1	mg/cm ²
374	1	Outside	North	Column	Metal	Brown	Deteriorated	2.2	mg/cm ²
379	1	Outside	North	Window	Metal	Brown	Intact	1.4	mg/cm ²
381	1	Outside	North	Stairs	Concrete	Brown	Deteriorated	5.4	mg/cm ²
383	1	Outside	North	Door Frame	Metal	White	Deteriorated	1.4	mg/cm ²
387	1	Outside	South	Window	Metal	Brown	Intact	2.8	mg/cm ²
391	1	1	North	Window Frame	Metal	Red	Deteriorated	3	mg/cm ²
405	1	2	East	Window Frame	Metal	White	Deteriorated	2	mg/cm ²

BUILDING HH4440 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
412	1	4	East	Wall	Concrete	White	Deteriorated	1.4	mg/cm ²
413	1	4	East	Column	Concrete	White	Deteriorated	1.3	mg/cm ²
414	1	4	South	Window Sill	Concrete	White	Deteriorated	1.1	mg/cm ²
416	1	4	South	Radiator	Metal	White	Intact	1.4	mg/cm ²
430	1	6	North	Wall	Ceramic	White	Intact	8.3	mg/cm ²
435	1	7	North	Window	Metal	White	Intact	2.8	mg/cm ²
441	1	8	South	Wall	Ceramic	White	Intact	5.3	mg/cm ²
453	Basement	1	North	Door	Metal	Orange	Intact	5.2	mg/cm ²
454	Basement	1	North	Door Frame	Metal	Red	Intact	4.4	mg/cm ²
455	Basement	1	North	Door Frame	Metal	Gray	Intact	9.6	mg/cm ²
456	Basement	1	North	Door	Metal	Gray	Intact	1.5	mg/cm ²
459	Basement	1		Hand Rail	Metal	Black	Deteriorated	2.5	mg/cm ²
462	Basement	1	East	Ladder	Metal	Black	Intact	16.1	mg/cm ²
463	Basement	1	East	Louver	Metal	Black	Intact	4.1	mg/cm ²
466	Basement	1		Pipe	Metal	Orange	Intact	1.5	mg/cm ²
468	Basement	2	North	Door	Metal	Red	Deteriorated	1.4	mg/cm ²
469	Basement	2	North	Door Frame	Metal	Red	Deteriorated	1.6	mg/cm ²
470	Basement	2	North	Wall	Concrete	White	Intact	1.8	mg/cm ²
492	3	1	South	Door Frame	Drywall	Brown	Intact	1.1	mg/cm ²
496	3	Stairwell E	East	Ladder	Metal	White	Intact	14.3	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING HH4440

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING HH4440

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	430
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Thermostat Triggers: Boilers	Universal Waste	3
Transformers	Polychlorinated Biphenyls	1
Light Fixture Ballasts	Polychlorinated Biphenyls	215
Water Coolers/Fountains	Ozone Depleting Chemicals	2
Smoke Detectors	Low-level Radiation	60

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4440-PCBB01	Ballast Capacitor Oil	PCB-1016	1,100,000	mg/kg
HH4440-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.4	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4440

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Insulator Paper	Brown, Electrical Box	1
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	1
J	Wallboard/Joint Compound	White/White	3
K	Texture Coat	White, Small	7
L	Basecover/Mastic	4" Brown/ Brown	2
M	Vinyl Floor Tile/Mastic	12" Light Brown/Black	2
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White/Black	1
S	Vinyl Floor Tile/Mastic	9" Green/Black	1
T	Acoustic Ceiling Panel	2'x4' White, Fissure Pinhole Horizontal	2
U	Not Used	Not Used	Not Used
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4440

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Not Used	Not Used	Not Used
X	Basecover/Mastic	4" Black/ Brown	1
Y	Vinyl Floor Tile/Mastic	9" Maroon/ Black	1
Z	Vinyl Floor Tile/Mastic	9" Blue/ Black	1
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Fiberglass Lateral Fissure	2
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Acoustic Ceiling Panel	2'x4' White, Solid Fiberglass	1
GG	Acoustic Ceiling Panel	2'x4' White, Gouge Fiberglass	1
HH	Vinyl Floor Tile/ Mastic	12" Beige/ Black	2
II	Not Used	Not Used	Not Used
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Acoustic Ceiling Panel	2'x4' White, Random Pinhole	1
OO	Not Used	Not Used	Not Used
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1




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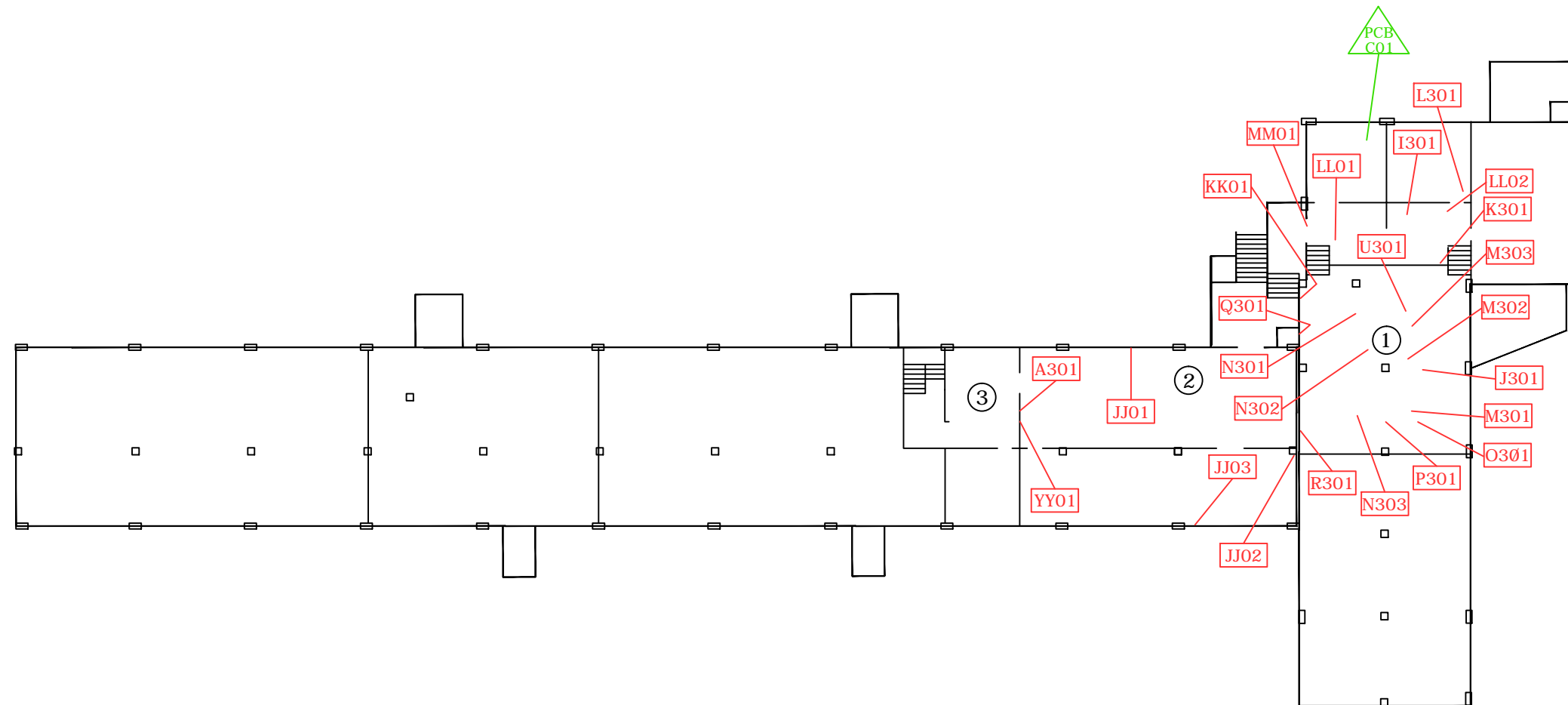
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Insulation	White, Wire	1
ZZ	Insulator	Black, Electrical Box	1
A3	Insulation Paper	Black, Electrical Box	1
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation, Subsurface	1
I3	Gasket	White, Round Tank	1
J3	Gasket	Black, Round	1
K3	Insulator Paper	Gray, Electrical Box	1
L3	Insulation	White, "Thermo Block" (In Box)	1
M3	Insulation	White, Boiler	3
N3	Insulation	White, Breeching	3

**BUILDING HH4440
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
O3	Refractory	Beige, Boiler	1
P3	Brick/Mortar	Gray & Brown, Boiler	1
Q3	Insulator	Gray, Electrical Box	1
R3	Insulator Board	Black, Electrical Box	1
S3	Texture Coat	White, Large	3
T3	Panel/Mastic	Brown/Brown, Wall	1
U3	Paint	Silver, Boiler	1
V3	Joint Compound	White, Concrete Masonry Unit Patching	1
W3	Brick	Beige, Stack	1
X3	Glazing	Tan, Window, Interior	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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
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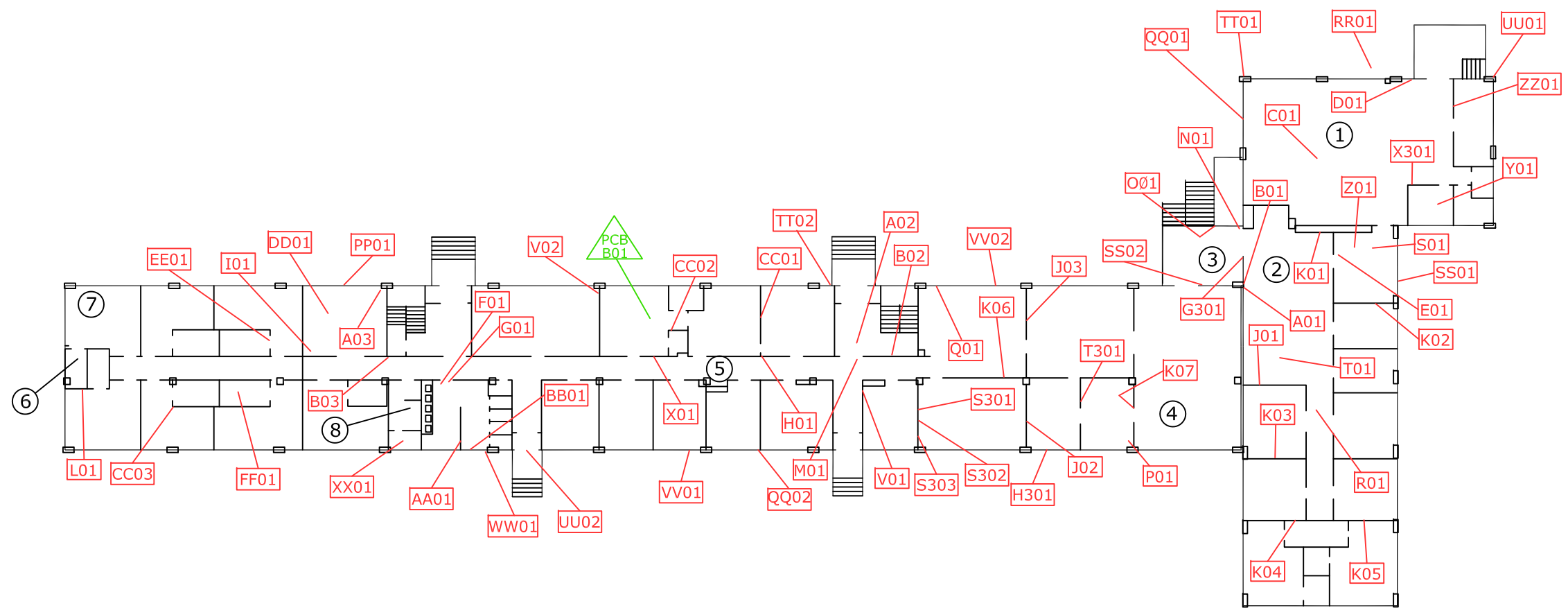
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 SAMPLE LOCATIONS
 BASEMENT

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FIGURE

HH4440

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



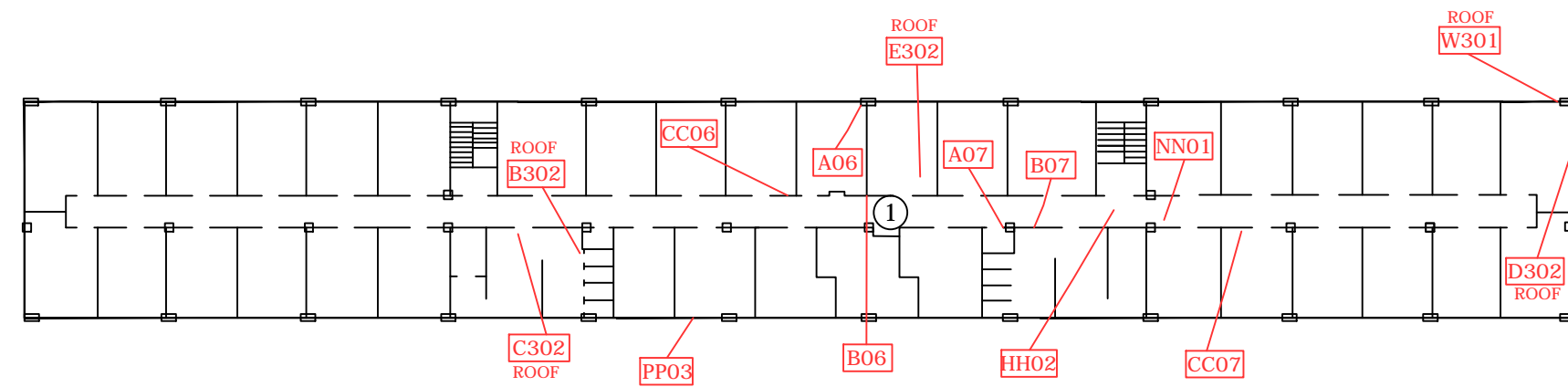

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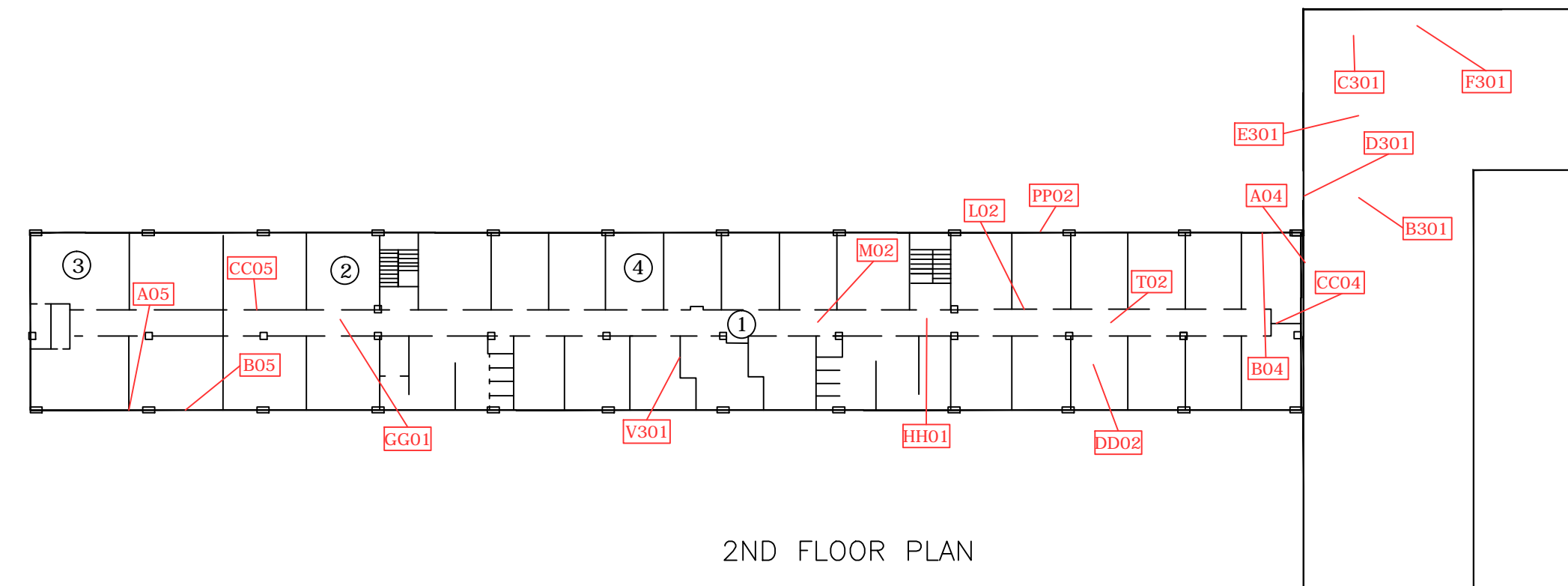
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 BUILDING HH4440
 SAMPLE LOCATIONS
 FIRST FLOOR

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 DRAWING No.




FIGURE
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3RD FLOOR PLAN



2ND FLOOR PLAN

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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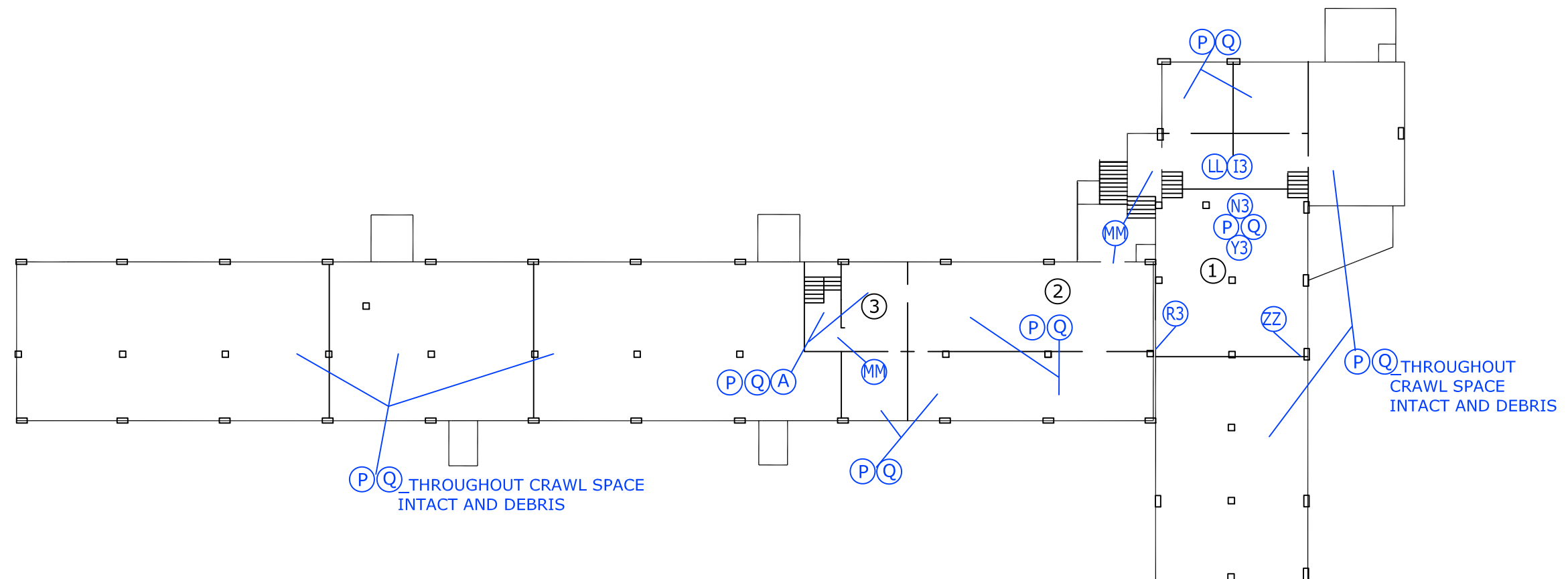
BUILDING HH4440
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

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FIGURE

HH4440

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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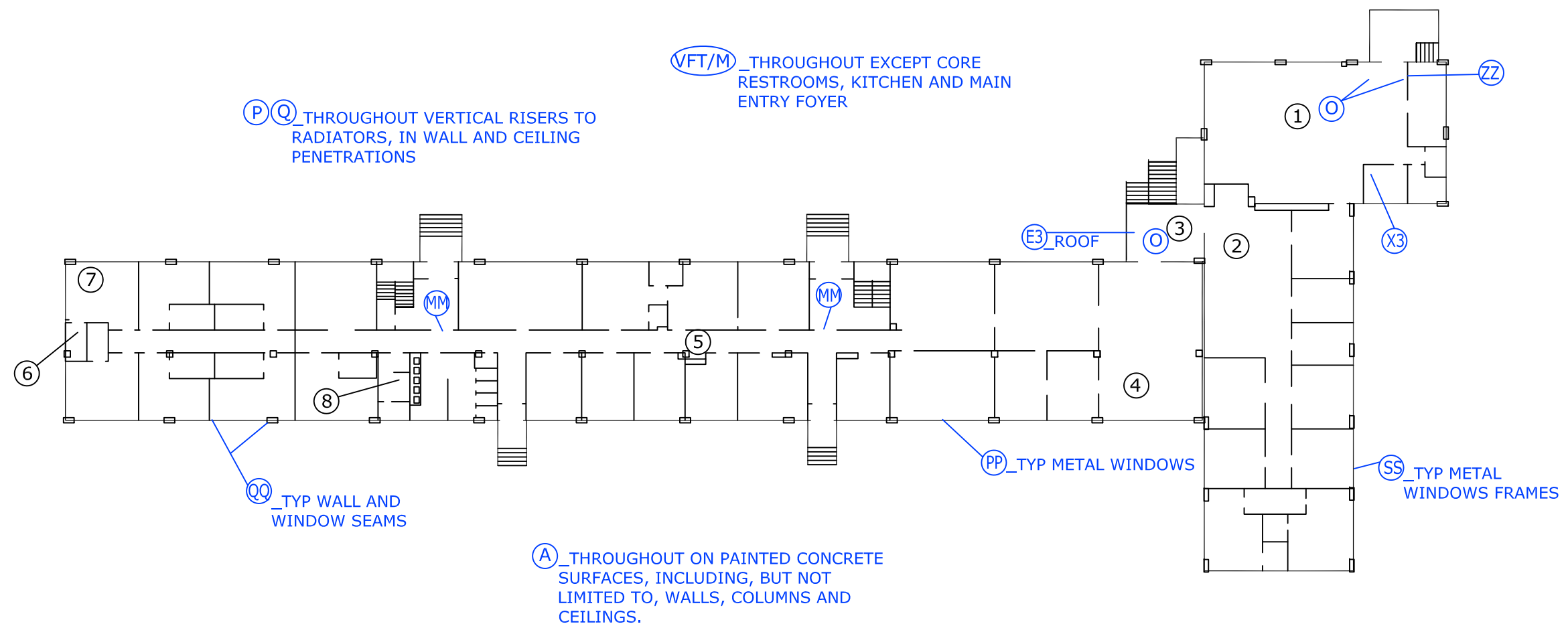
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 MATERIAL LOCATIONS
 BASEMENT

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FIGURE

HH4440

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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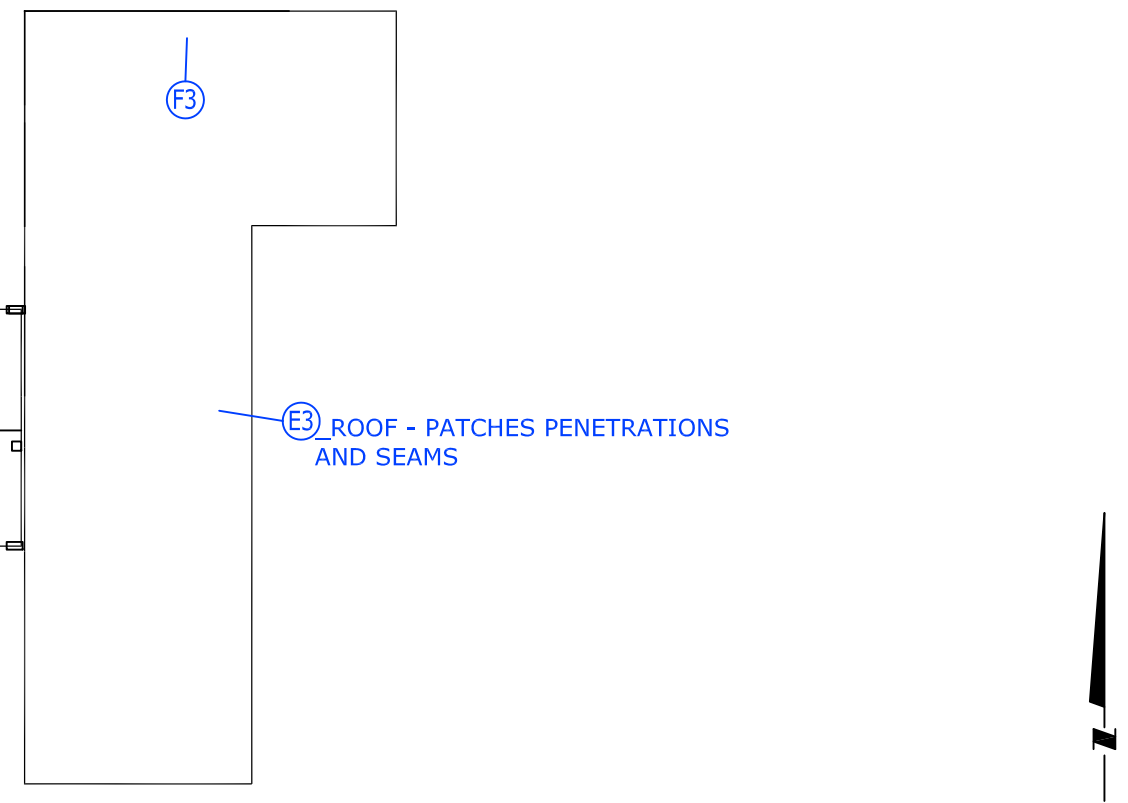
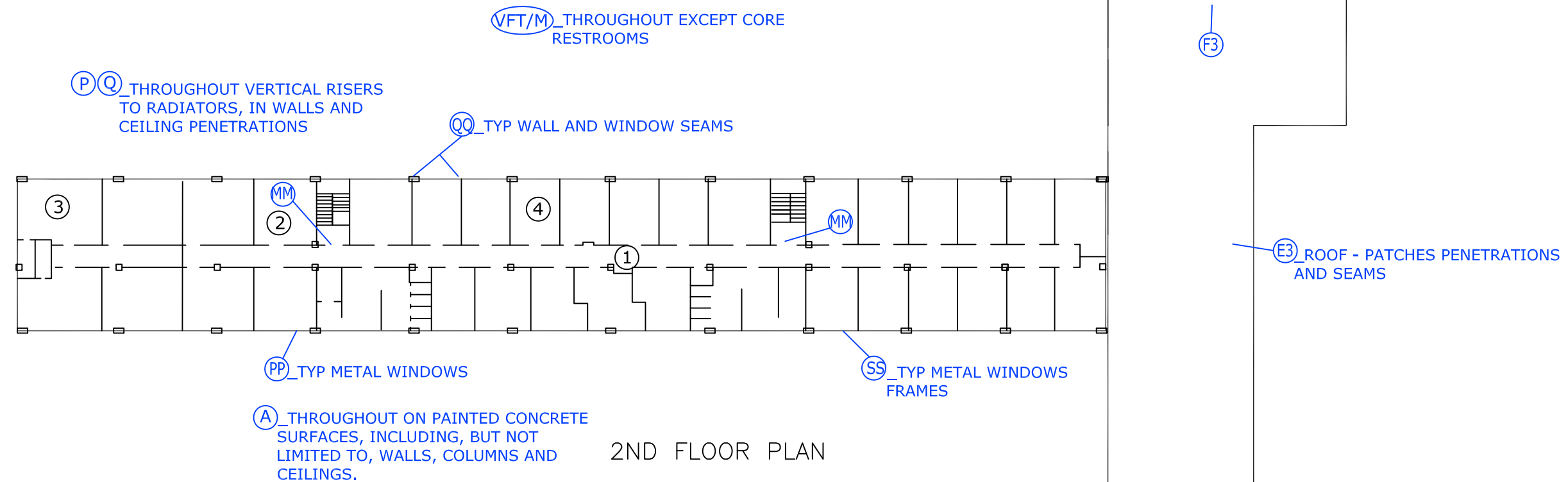
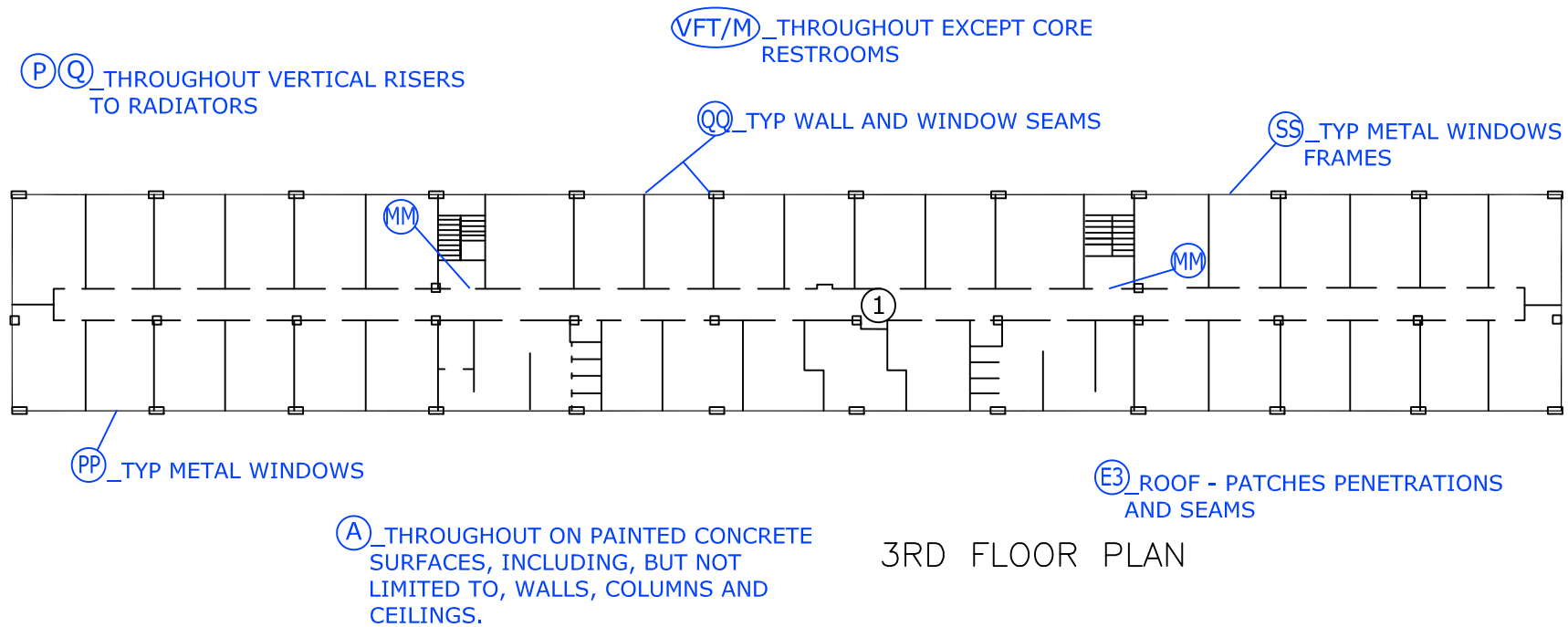
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 MATERIAL LOCATIONS
 FIRST FLOOR

SCALE: 1" = 30'
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FIGURE

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LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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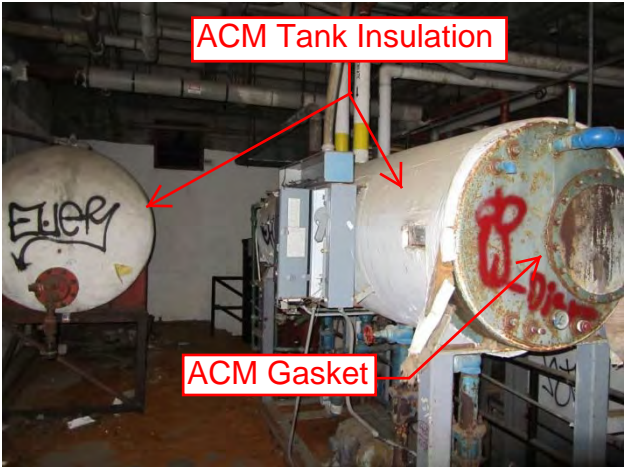
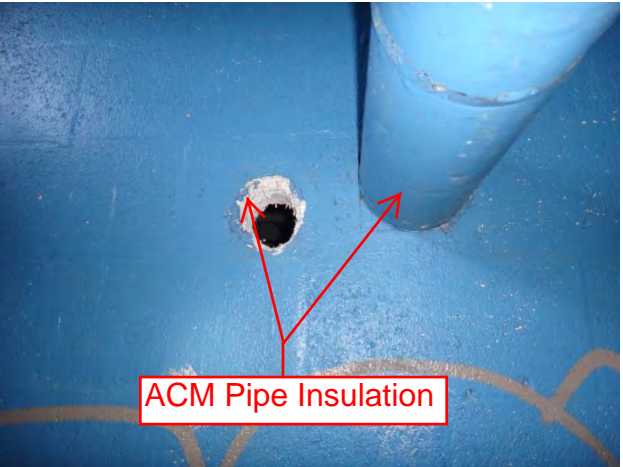
BUILDING HH4440
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

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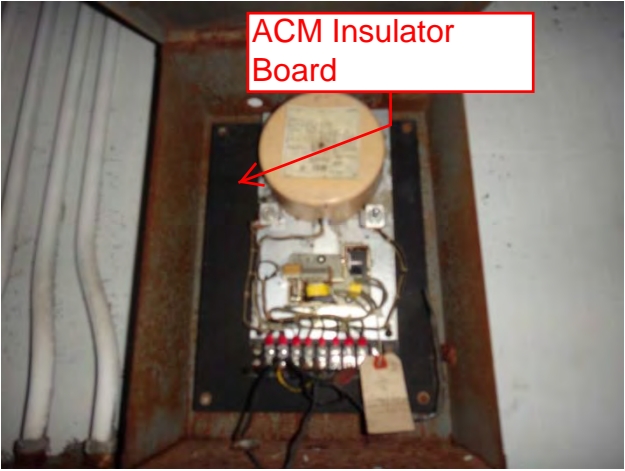
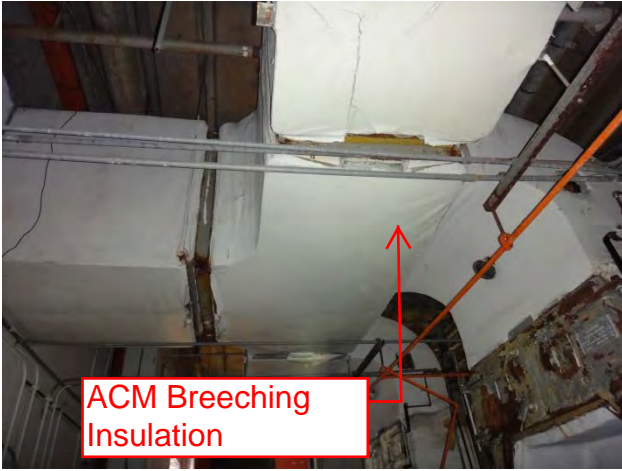
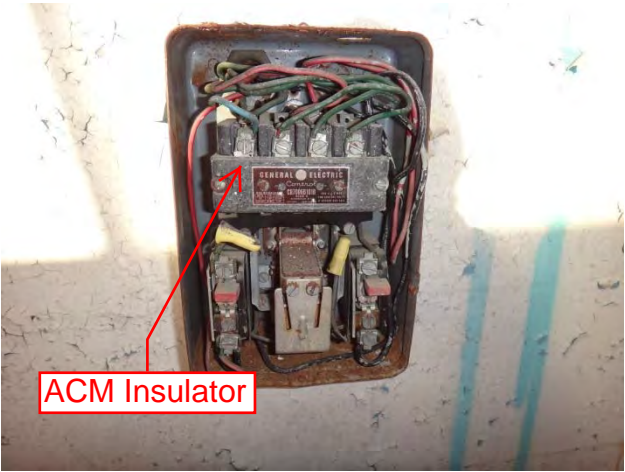
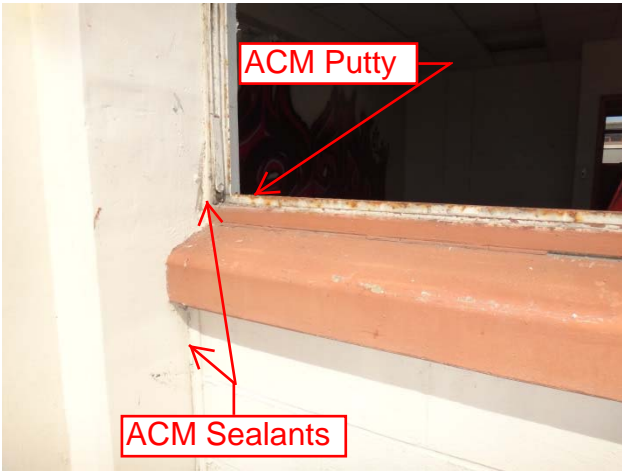
FIGURE

HH4440

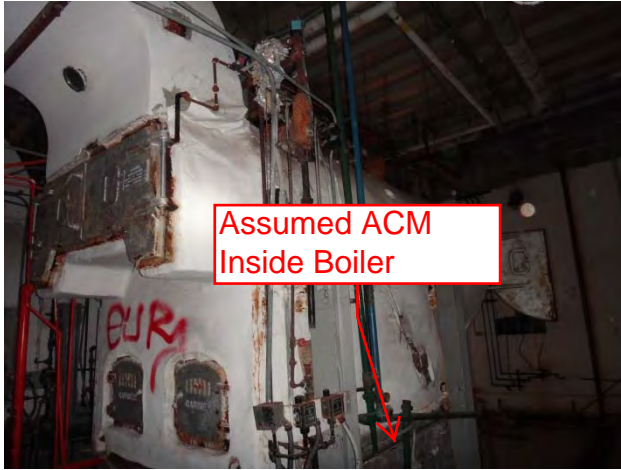
BUILDING HH4440
PHOTO DOCUMENTATION



BUILDING HH4440
PHOTO DOCUMENTATION



BUILDING HH4440
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218699
Date Received: 03/24/16
Date Analyzed: 03/29/16
Date Printed: 03/29/16
First Reported: 03/29/16

Job ID/Site: 161091001 - FORA, HH4440

FALI Job ID: L1161
Total Samples Submitted: 123
Total Samples Analyzed: 123

Date(s) Collected: 03/21/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-A01	11746717						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-A02	11746718						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-A03	11746719						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4440-A04	11746720						
Layer: White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-A05	11746721						
Layer: Beige Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4440-A06	11746722						
Layer: Grey Cementitious Material			ND				
Layer: White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-A07	11746723						
Layer: Grey Cementitious Material			ND				
Layer: White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-B01	11746724						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-B02	11746725						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-B03	11746726						
Layer: Grey Cementitious Material			ND				
Layer: White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-B04	11746727						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-B05	11746728						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-B06	11746729						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-B07	11746730						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-C01	11746731						
Layer: Grey Ceramic Tile			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-D01	11746732						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-E01	11746733						
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4440-F01	11746734						
Layer: Tan Ceramic Tile			ND				
Layer: Grey Cementitious Material			ND				
Layer: White Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-G01	11746735						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %)							
HH4440-H01	11746736						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
HH4440-I01	11746737						
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4440-J01	11746738						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4440-J02	11746739						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: White Tape			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-J03	11746740						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4440-K01	11746741						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4440-K02	11746742						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: White Tape			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4440-K03	11746743						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4440-K04	11746744						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4440-K05	11746745						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4440-K06	11746746						
Layer: White Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-K07	11746747						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %)		Asbestos (ND)					
HH4440-L01	11746748						
Layer: Paint			ND				
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-L02	11746749						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-M01	11746750						
Layer: Light Brown Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-M02	11746751						
Layer: Light Brown Tile			ND				
Layer: Yellow Mastic			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-N01	11746752						
Layer: Off-White Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)		Asbestos (ND)					
HH4440-O01	11746753						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
HH4440-P01	11746754						
Layer: White Semi-Fibrous Material		Chrysotile	3 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (13%)					

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-Q01	11746755						
Layer: White Semi-Fibrous Material		Chrysotile	3 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (13%)					
HH4440-R01	11746756						
Layer: White Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-S01	11746757						
Layer: Green Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-T01	11746758						
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (25 %)							
HH4440-T02	11746759						
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (25 %)							
HH4440-V01	11746760						
Layer: White Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
HH4440-V02	11746761						
Layer: White Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
HH4440-X01	11746762						
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-Y01	11746763						
Layer: Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-Z01	11746764						
Layer: Blue Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-AA01	11746765						
Layer: White Non-Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-BB01	11746766						
Layer: Black Tar			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
HH4440-CC01	11746767						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-CC02	11746768						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-CC03	11746769						
Layer: Light Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-CC04	11746770						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-CC05	11746771						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-CC06	11746772						
Layer: Beige Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-CC07	11746773						
Layer: White Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4440-DD01	11746774						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Fibrous Glass (95 %)		Asbestos (ND)					
HH4440-DD02	11746775						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Fibrous Glass (95 %)		Asbestos (ND)					
HH4440-EE01	11746776						
Layer: Blue Ceramic Tile			ND				
Layer: Tan Mastic			ND				
Layer: Grey Cementitious Material			ND				
Layer: Black Fibrous Material			ND				
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (25 %)		Asbestos (ND)					
HH4440-FF01	11746777						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-GG01	11746778						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-HH01	11746779						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-HH02	11746780						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-JJ01	11746781						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-JJ02	11746782						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-JJ03	11746783						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-KK01	11746784						
Layer: Black Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Synthetic (20 %)							
HH4440-LL01	11746785						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-LL02	11746786						
Layer: Yellow Fibrous Material			ND				
Layer: Beige Non-Fibrous Material		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Fibrous Glass (80 %)							
HH4440-MM01	11746787						
Layer: White Fibrous Material		Chrysotile	40 %				
Total Composite Values of Fibrous Components:		Asbestos (40%)					
Cellulose (40 %)							
HH4440-NN01	11746788						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %) Fibrous Glass (10 %)							
HH4440-PP01	11746789						
Layer: Beige Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4440-PP02	11746790						
Layer: Tan Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-PP03	11746791						
Layer: White Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4440-QQ01	11746792						
Layer: Black Fibrous Material			ND				
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (60 %)							
HH4440-QQ02	11746793						
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-RR01	11746794						
Layer: Grey Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-SS01	11746795						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-SS02	11746796						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4440-TT01	11746797						
Layer: White Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-TT02	11746798						
Layer: White Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-UU01	11746799						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-UU02	11746800						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-VV01	11746801						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-VV02	11746802						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-WW01	11746803						
Layer: Black Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-XX01	11746804						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
HH4440-YY01	11746805						
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
HH4440-ZZ01	11746806						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
HH4440-A301	11746807						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HH4440-B301	11746808						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4440-B302	11746809						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-C301	11746810						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (3 %)							
Comment: Bulk complex sample.							
HH4440-C302	11746811						
Layer: Paint			ND				
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (3 %)							
Comment: Bulk complex sample.							
HH4440-D301	11746812						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4440-D302	11746813						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-E301	11746814						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
HH4440-E302	11746815						
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
HH4440-F301	11746816						
Layer: Off-White Fibrous Material		Chrysotile	50 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (48%)					
Cellulose (30 %)							
HH4440-G301	11746817						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
HH4440-H301	11746818						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)							
HH4440-I301	11746819						
Layer: Off-White Fibrous Material		Chrysotile	80 %				
Total Composite Values of Fibrous Components:		Asbestos (80%)					
HH4440-J301	11746820						
Layer: Black Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-K301	11746821						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HH4440-L301	11746822						
Layer: White Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Synthetic (5 %)							
HH4440-M301	11746823						
Layer: Beige Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (30 %)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-M302	11746824						
Layer: Beige Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (30 %)							
HH4440-M303	11746825						
Layer: Beige Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (30 %)							
HH4440-N301	11746826						
Layer: White Semi-Fibrous Material		Chrysotile	7 %	Amosite	7 %		
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (10 %)							
HH4440-O301	11746827						
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-P301	11746828						
Layer: Red-Brown Non-Fibrous Material			ND				
Layer: Tan Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-Q301	11746829						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-R301	11746830						
Layer: Black Fibrous Material		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (70%)					
HH4440-S301	11746831						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)							
HH4440-S302	11746832						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)							

Client Name: Vista Environmental Consultants

Report Number: B218699

Date Printed: 03/29/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-S303	11746833						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)							
HH4440-T301	11746834						
Layer: Brown Mastic			ND				
Layer: Brown Woven Material			ND				
Layer: Brown Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
HH4440-U301	11746835						
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-V301	11746836						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4440-W302	11746837						
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4440-N302	11746902						
Layer: White Semi-Fibrous Material		Chrysotile	5 %	Amosite	7 %		
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (11%)					
HH4440-N303	11746903						
Layer: White Semi-Fibrous Material		Chrysotile	5 %	Amosite	7 %		
Layer: Silver Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (11%)					



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

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Project Manager
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Client ID: L1161
Report Number: N008071
Date Received: 03/24/16
Date Analyzed: 04/06/16
Date Printed: 04/06/16

Job ID/Site: 161091001 - FORA, HH4440

FALI Job ID: L1161

PLM Report Number: B218699

Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4440-A01	11746717	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4440-A02	11746718	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4440-A03	11746719	Beige Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		10
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008071
Date Received: 03/24/16
Date Analyzed: 04/06/16
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Sample ID	Lab Number	Layer Description
HH4440-A05	11746721	Beige Skimcoat

Point Count Results:

Number of asbestos points counted:	3
Number of non-empty points:	400
Layer percentage of entire sample:	10
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	A	01	PAINT/SKIM COAT	WHITE/WHITE, CONCRETE		
HH4440	A	02				
HH4440	A	03				
HH4440	A	04				
HH4440	A	05				
HH4440	A	06				
HH4440	A	07				
HH4440	B	01	PAINT/SKIM COAT	WHITE/WHITE, CMU		
HH4440	B	02				
HH4440	B	03				

ANALYTICAL METHOD: PLM 400 PFC COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

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ASBESTOS BULK SAMPLE LOG

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SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	B	04				
HH4440	B	05				
HH4440	B	06				
HH4440	B	07				
HH4440	C	01	MORTAR/GROUT	GRAY/GRAY, QUARRY TILE		
HH4440	D	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC WALL		
HH4440	E	01	VFT/MAS	9" BLACK/BLACK		
HH4440	F	01	MORTAR/GROUT	WHITE/GRAY, CERAMIC FLOOR		
HH4440	G	01	VAPOR BARRIER	BLACK, CERAMIC FLOOR		
HH4440	H	01	INSULATOR PAPER	BROWN, ELECT. BOX		

ANALYTICAL METHOD: PLM 400 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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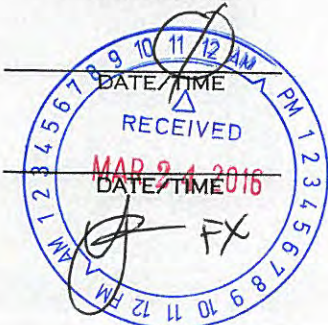
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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	F	01	ACP	2'X1' WHITE, GOUGE PINHOLE		
HH4440	J	01	WB/SC	WHITE/WHITE		
HH4440	J	02				
HH4440	J	03				
HH4440	K	01	TEXTURE COAT	WHITE, SMALL		
HH4440	K	02				
HH4440	K	03				
HH4440	K	04				
HH4440	K	05				
HH4440	K	06				

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	K	07	↓	↓		
HH4440	L	01	BASECOTE/MAS	4" BROWN/BROWN		
HH4440	L	02	↓	↓		
HH4440	M	01	VFT/MAS	12" LIGHT BROWN/BLACK		
HH4440	M	02	↓	↓		
HH4440	N	01	WALLBOARD	WHITE, CEILING		
HH4440	O	01	CEMENT PANEL	GRAY, WALL		
HH4440	P	01	TSI	WHITE, 4" 6" OD PIPE		
HH4440	Q	01	TSI	WHITE, 4"-6" OD FITTINGS		
HH4440	R	01	VFT/MAS	12" OFF-WHITE/BLACK		

ANALYTICAL METHOD: PLM 400 PFCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	S	01	VFT/MAS	9" GREEN / BLACK		
HH4440	T	01	ACP	2'x4' WHITE, HORIZ. FISSURE PINTHOLE		
HH4440	T	02		↓		
HH4440	V	01	JACKETING	WHITE, FIBREGLASS PIPES		
HH4440	V	02		↓		
HH4440	X	01	BASECOE/MAS	4" BLACK / BROWN		
HH4440	Y	01	VFT/MAS	9" HARDON / BLACK		
HH4440	Z	01	VFT/MAS	9" BLUE / BLACK		
HH4440	AA	01	MORTAR/GROUT	WHITE / WHITE, CERAMIC WALL		
HH4440	BB	01	VAPOR BARRIER	BLACK, WALL		

ANALYTICAL METHOD: PLM ~~400PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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SAN LEANDRO, CA 94577

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CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	CC	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY, NEW		
HH4440	CC	02				
HH4440	CC	03				
HH4440	CC	04				
HH4440	CC	05				
HH4440	CC	06				
HH4440	CC	07				
HH4440	DD	01	ACP	8'x4" WHITE LATERAL FISSURE		
HH4440	DD	02				
HH4440	EE	01	MORTAR/GROUT/VAPOR BARRIER	GRAY/GRAY/BLACK, FLOOR		

ANALYTICAL METHOD: PLM 400 PFCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	FF	01	ACP	21x4' WHITE, SOLID FIBERGLASS		
HH4440	GG	01	ACP	21x4' WHITE, GOUGE FIBERGLASS		
HH4440	HH	01	VFT/MAS	12' BELGE/BLACK		
HH4440	HH	02				
HH4440	JJ	01	PAINT/CONCRETE	WHITE/GRAY, BASEMENT WALLS		
HH4440	JJ	02				
HH4440	JJ	03				
HH4440	KK	01	INSULATION	BLACK, WIRE		
HH4440	LL	01	JACKETING	WHITE, TANKS		
HH4440	LL	02				

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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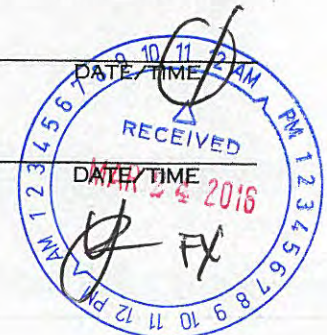
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

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FAX 888.653.8889

CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	MM	01	INSULATION	WHITE, FIRE DOOR		
HH4440	NN	01	ACP	2'x4' WHITE, RANDOM PINHOLE		
HH4440	PP	01	PUTTY	WHITE, WINDOW		
HH4440	PP	02	↓	↓		
HH4440	PP	03	↓	↓		
HH4440	QQ	01	SEALANT/EXPANSION JOINT	TAN/BROWN, SEAMS		
HH4440	QQ	02	↓	↓		
HH4440	RR	01	COATING	GRAY, EXTERIOR		
HH4440	SS	01	SEALANT	TAN, WINDOW FRAME		
HH4440	SS	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	TT	01	PAINT	WHITE, EXTERIOR		
HH4440	TT	02	↓	↓		
HH4440	UU	01	CONCRETE	GRAY, STRUCTURAL		
HH4440	UU	02	↓	↓		
HH4440	VV	01	PAINT/CMU/GRAT	WHITE/GRAY/GRAY, EXTERIOR		
HH4440	VV	02	↓	↓		
HH4440	WW	01	SEALANT	BLACK, WINDOW FRAME		
HH4440	XX	01	GASKET	BLACK, LIGHT		
HH4440	YY	01	INSULATION	WHITE, WIRE		
HH4440	ZZ	01	INSULATOR	BLACK, ELECT. BOX		

ANALYTICAL METHOD: PLM ~~ASBESTOS COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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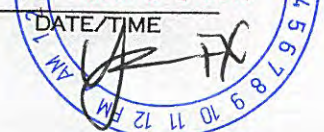


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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	A3	01	INSULATION PAPER	BLACK, ELECT. BOX		
HH4440	B3	01	ROOFING	BLACK & BLACK, T & G		
HH4440	B3	02	↓	↓		
HH4440	C3	01	PARAPET/BASE	BLACK/BLACK, BUILT-UP		
HH4440	C3	02	↓	↓		
HH4440	D3	01	FLASHING	BLACK & BLACK, T & G		
HH4440	D3	02	↓	↓		
HH4440	E3	01	MASTIC	GRAY & BLACK, ROOFS		
HH4440	E3	02	↓	↓		
HH4440	F3	01	FLEX CONNECTOR	WHITE, HVAC UNIT ON ROOF		

ANALYTICAL METHOD: PLM ~~400PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	G3	01	INSULATION	BROWN, FIRE DOOR		
HH4440	H3	01	VAPOR BARRIER	BLACK, FOUNDATION		
HH4440	I3	01	GASKET	WHITE, ROUND TANK		
HH4440	J3	01	GASKET	BLACK, ROUND TANK		
HH4440	K3	01	INSULATOR PAPER	GRAY, ELECT BOX		
HH4440	L3	01	INSULATION	WHITE, THERMO BLOCK		
HH4440	M3	01	INSULATION	WHITE, BOILER		
HH4440	M3	02	↓	↓		
HH4440	M3	03	↓	↓		
HH4440	N3	01	INSULATION	WHITE, BREECHING		

ANALYTICAL METHOD: PLM 450 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	03	01	REFLECTORY	BEIGE, BOILER DOOR		
HH4440	P3	01	BRICK/MORTAR	RED / GRAY	BOILER BASE	
HH4440	Q3	01	INSULATOR	GRAY, ELECT. BOX		
HH4440	R3	01	INSULATOR BOARD	BLACK, ELECT. BOX		
HH4440	S3	01	TEXTURE COAT	WHITE, LARGE		
HH4440	S3	02				
HH4440	S3	03				
HH4440	T3	01	PANEL/MAS	BROWN / BROWN, WALL		
HH4440	U3	01	PAINT	SILVER, BOILER		
HH4440	V3	01	JOINT COMPOUND	WHITE, WALL PATCHING		

ANALYTICAL METHOD: PLM 400 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/21/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	W3	01	BRICK	DEFE, STACK		
2 extra samples received but not listed on CAC.						
HH4440	N302	02	ymf			
HH4440	N303	03	ymf			

ANALYTICAL METHOD: PLM 400 P.P.COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B219010
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 05/02/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4440

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 03/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4440-X301	11749103						
Layer: Tan Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA


DATE: 03/29/16

LOCATION: HH 4440

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4440	03	01	GLAZING	TAN, WINDOW	INTERIOR	
ONE SAMPLE						
						

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.  TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME 03/29/16 DATE/TIME
2. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME

**FORA
HH4440
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
358					SHUTTER_CAL					2.92	cps
359					CALIBRATE				Positive	1	mg/cm ²
360					CALIBRATE				Positive	1	mg/cm ²
361					CALIBRATE				Positive	1.1	mg/cm ²
362	HH 4440	1	OUTSIDE	EAST	DOCK	CONCRETE	BEIGE	DETERIORATED	Negative	0.22	mg/cm ²
363	HH 4440	1	OUTSIDE	EAST	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
364	HH 4440	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
365	HH 4440	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.3	mg/cm ²
366	HH 4440	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
367	HH 4440	1	OUTSIDE	EAST	CURB	CONCRETE	YELLOW	DETERIORATED	Positive	5.5	mg/cm ²
368	HH 4440	1	OUTSIDE	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.13	mg/cm ²
369	HH 4440	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0.05	mg/cm ²
370	HH 4440	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.2	mg/cm ²
371	HH 4440	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.09	mg/cm ²
372	HH 4440	1	OUTSIDE	NORTH	AC	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
373	HH 4440	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Positive	1	mg/cm ²
374	HH 4440	1	OUTSIDE	NORTH	COLUMN	METAL	BROWN	DETERIORATED	Positive	2.2	mg/cm ²
375	HH 4440	1	OUTSIDE	NORTH	WALL	WOOD	BEIGE	INTACT	Negative	0.01	mg/cm ²
376	HH 4440	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
377	HH 4440	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
378	HH 4440	1	OUTSIDE	NORTH	WINDOW SILL	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
379	HH 4440	1	OUTSIDE	NORTH	WINDOW	METAL	BROWN	INTACT	Positive	1.4	mg/cm ²
380	HH 4440	1	OUTSIDE	NORTH	FOUNDATION	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
381	HH 4440	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Positive	5.4	mg/cm ²
382	HH 4440	1	OUTSIDE	NORTH	WALL PANEL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4440
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
383	HH 4440	1	OUTSIDE	NORTH	DOOR FRAME	METAL	WHITE	DETERIORATED	Positive	1.4	mg/cm ²
384	HH 4440	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
385	HH 4440	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
386	HH 4440	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²
387	HH 4440	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	2.8	mg/cm ²
388	HH 4440	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
389	HH 4440	1	1	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
390	HH 4440	1	1	NORTH	WALL	CERAMIC	RED	INTACT	Negative	0.04	mg/cm ²
391	HH 4440	1	1	NORTH	WINDOW FRAME	METAL	RED	DETERIORATED	Positive	3	mg/cm ²
392	HH 4440	1	1		HOOD	METAL	WHITE	DETERIORATED	Negative	0.25	mg/cm ²
393	HH 4440	1	1	SOUTH	WINDOW FRAME	WOOD	WHITE	DETERIORATED	Negative	0.08	mg/cm ²
394	HH 4440	1	1	SOUTH	DOOR FRAME	METAL	WHITE	DETERIORATED	Negative	0.8	mg/cm ²
395	HH 4440	1	1	SOUTH	DOOR	WOOD	WHITE	DETERIORATED	Negative	0.16	mg/cm ²
396	HH 4440	1	1		BEAM	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
397	HH 4440	1	1	SOUTH	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
398	HH 4440	1	2	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
399	HH 4440	1	2	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
400	HH 4440	1	2	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.6	mg/cm ²
401	HH 4440	1	2	WEST	DOOR	METAL	BROWN	INTACT	Negative	0.17	mg/cm ²
402	HH 4440	1	2	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0.13	mg/cm ²
403	HH 4440	1	2	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.2	mg/cm ²
404	HH 4440	1	2	EAST	WINDOW SILL	DRYWALL	WHITE	INTACT	Negative	0.12	mg/cm ²
405	HH 4440	1	2	EAST	WINDOW FRAME	METAL	WHITE	DETERIORATED	Positive	2	mg/cm ²
406	HH 4440	1	3	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.1	mg/cm ²
407	HH 4440	1	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²

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Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
408	HH 4440	1	3	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
409	HH 4440	1	3	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
410	HH 4440	1	3		CEILING	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
411	HH 4440	1	3	EAST	EXPANSION JOINT	METAL	WHITE	DETERIORATED	Negative	0.4	mg/cm ²
412	HH 4440	1	4	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Positive	1.4	mg/cm ²
413	HH 4440	1	4	EAST	COLUMN	CONCRETE	WHITE	DETERIORATED	Positive	1.3	mg/cm ²
414	HH 4440	1	4	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Positive	1.1	mg/cm ²
415	HH 4440	1	4	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.9	mg/cm ²
416	HH 4440	1	4	SOUTH	RADIATOR	METAL	WHITE	INTACT	Positive	1.4	mg/cm ²
417	HH 4440	1	4	WEST	WALL PANEL	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
418	HH 4440	1	4		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.07	mg/cm ²
419	HH 4440	1	5	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.5	mg/cm ²
420	HH 4440	1	5	NORTH	DOOR FRAME	METAL	WHITE	INTACT	Negative	0	mg/cm ²
421	HH 4440	1	5	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.19	mg/cm ²
422	HH 4440	1	5	SOUTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.12	mg/cm ²
423	HH 4440	1	5	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
424	HH 4440	1	5	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.2	mg/cm ²
425	HH 4440	1	5	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
426	HH 4440	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
427	HH 4440	1	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
428	HH 4440	1	5	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.13	mg/cm ²
429	HH 4440	1	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
430	HH 4440	1	6	NORTH	WALL	CERAMIC	WHITE	INTACT	Positive	8.3	mg/cm ²
431	HH 4440	1	6		FLOOR	CERAMIC	BLUE	INTACT	Negative	0.06	mg/cm ²
432	HH 4440	1	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²

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Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
433	HH 4440	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
434	HH 4440	1	7	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
435	HH 4440	1	7	NORTH	WINDOW	METAL	WHITE	INTACT	Positive	2.8	mg/cm ²
436	HH 4440	1	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
437	HH 4440	1	7	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
438	HH 4440	1	8	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
439	HH 4440	1	8	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
440	HH 4440	1	8	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
441	HH 4440	1	8	SOUTH	WALL	CERAMIC	WHITE	INTACT	Positive	5.3	mg/cm ²
442	HH 4440	1	8		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.02	mg/cm ²
443	HH 4440	1	8		CEILING	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
444	HH 4440	1	8	EAST	STALL	METAL	RED	INTACT	Negative	0	mg/cm ²
445	HH 4440	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.14	mg/cm ²
446	HH 4440	1	9	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
447	HH 4440	1	9	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.7	mg/cm ²
448	HH 4440	1	9	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
449	HH 4440	1	9		HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.1	mg/cm ²
450	HH 4440	1	9		STAIRS	CONCRETE	GRAY	DETERIORATED	Negative	0.02	mg/cm ²
451	HH 4440	1	9		STAIRS	CONCRETE	WHITE	DETERIORATED	Negative	0.3	mg/cm ²
452	HH 4440	1	9		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.07	mg/cm ²
453	HH 4440	BASEMENT	1	NORTH	DOOR	METAL	ORANGE	INTACT	Positive	5.2	mg/cm ²
454	HH 4440	BASEMENT	1	NORTH	DOOR FRAME	METAL	RED	INTACT	Positive	4.4	mg/cm ²
455	HH 4440	BASEMENT	1	NORTH	DOOR FRAME	METAL	GRAY	INTACT	Positive	9.6	mg/cm ²
456	HH 4440	BASEMENT	1	NORTH	DOOR	METAL	GRAY	INTACT	Positive	1.5	mg/cm ²
457	HH 4440	BASEMENT	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

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Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
458	HH 4440	BASEMENT	1	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
459	HH 4440	BASEMENT	1		HAND RAIL	METAL	BLACK	DETERIORATED	Positive	2.5	mg/cm ²
460	HH 4440	BASEMENT	1		TANK	METAL	GRAY	INTACT	Negative	0.07	mg/cm ²
461	HH 4440	BASEMENT	1		PIPE	METAL	BLUE	INTACT	Negative	0.13	mg/cm ²
462	HH 4440	BASEMENT	1	EAST	LADDER	METAL	BLACK	INTACT	Positive	16.1	mg/cm ²
463	HH 4440	BASEMENT	1	EAST	LOUVER	METAL	BLACK	INTACT	Positive	4.1	mg/cm ²
464	HH 4440	BASEMENT	1		BOILER	METAL	GRAY	INTACT	Negative	0.13	mg/cm ²
465	HH 4440	BASEMENT	1		BOILER	METAL	SILVER	INTACT	Negative	0	mg/cm ²
466	HH 4440	BASEMENT	1		PIPE	METAL	ORANGE	INTACT	Positive	1.5	mg/cm ²
467	HH 4440	BASEMENT	1		STAIRS	CONCRETE	BLACK	DETERIORATED	Negative	0.26	mg/cm ²
468	HH 4440	BASEMENT	2	NORTH	DOOR	METAL	RED	DETERIORATED	Positive	1.4	mg/cm ²
469	HH 4440	BASEMENT	2	NORTH	DOOR FRAME	METAL	RED	DETERIORATED	Positive	1.6	mg/cm ²
470	HH 4440	BASEMENT	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.8	mg/cm ²
471	HH 4440	BASEMENT	2	SOUTH	WALL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
472	HH 4440	BASEMENT	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
473	HH 4440	BASEMENT	2	SOUTH	DOOR	WOOD	BLACK	INTACT	Negative	0.05	mg/cm ²
474	HH 4440	BASEMENT	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.9	mg/cm ²
475	HH 4440	BASEMENT	2	WEST	WINDOW FRAME	METAL	BLACK	INTACT	Negative	0.5	mg/cm ²
476	HH 4440	BASEMENT	2	WEST	COUNTER	METAL	BLACK	INTACT	Negative	0.21	mg/cm ²
477	HH 4440	BASEMENT	2	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.18	mg/cm ²
478	HH 4440	BASEMENT	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
479	HH 4440	BASEMENT	3	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
480	HH 4440	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.19	mg/cm ²
481	HH 4440	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
482	HH 4440	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²

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HH4440
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
483	HH 4440	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.7	mg/cm ²
484	HH 4440	2	1	NORTH	PIPE	METAL	RED	INTACT	Negative	0.14	mg/cm ²
485	HH 4440	2	2	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.14	mg/cm ²
486	HH 4440	2	3	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
487	HH 4440	2	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
488	HH 4440	2	STAIRWELL W	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
489	HH 4440	2	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
490	HH 4440	2	STAIRWELL W	EAST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.13	mg/cm ²
491	HH 4440	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
492	HH 4440	3	1	SOUTH	DOOR FRAME	DRYWALL	BROWN	INTACT	Positive	1.1	mg/cm ²
493	HH 4440	3	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
494	HH 4440	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
495	HH 4440	3	STAIRWELL E	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
496	HH 4440	3	STAIRWELL E	EAST	LADDER	METAL	WHITE	INTACT	Positive	14.3	mg/cm ²
497	HH 4440	3	STAIRWELL E	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
498					CALIBRATE				Positive	1.1	mg/cm ²
499					CALIBRATE				Positive	1.1	mg/cm ²
500					CALIBRATE				Positive	1.1	mg/cm ²

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

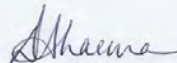
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71496-1
Client Project/Site: Building HH4440

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:13:55 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Job ID: 720-71496-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71496-1

Comments

No additional comments.

Receipt

The samples were received on 4/12/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a dilution due to the nature of the sample matrix: HH4440-PCBB01 (720-71496-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Client Sample ID: HH4440-PCBB01

Lab Sample ID: 720-71496-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	1100000000		45000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Client Sample ID: HH4440-PCBB01

Lab Sample ID: 720-71496-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1100000000		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:03	20000
PCB-1221	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:03	20000
PCB-1232	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:03	20000
PCB-1242	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:03	20000
PCB-1248	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:03	20000
PCB-1254	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:03	20000
PCB-1260	ND		45000000		ug/Kg		04/23/16 07:50	04/25/16 13:03	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	42 - 147				04/23/16 07:50	04/25/16 13:03	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	30 - 148				04/23/16 07:50	04/25/16 13:03	20000



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Waste

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (42-147)	DCB1 (30-148)
720-71496-2	HH4440-PCBB01	0 X D	0 X D
LCS 720-201028/2-A	Lab Control Sample	120	107
MB 720-201028/1-A	Method Blank	116	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201028/1-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1221	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1232	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1242	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1248	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1254	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1260	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		42 - 147	04/23/16 07:50	04/23/16 13:46	1
DCB Decachlorobiphenyl	105		30 - 148	04/23/16 07:50	04/23/16 13:46	1

Lab Sample ID: LCS 720-201028/2-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4000	4380		ug/Kg		110	85 - 153
PCB-1260	4000	4110		ug/Kg		103	78 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	120		42 - 147
DCB Decachlorobiphenyl	107		30 - 148

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

GC Semi VOA

Prep Batch: 201028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71496-2	HH4440-PCBB01	Total/NA	Waste	3580A	
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 720-201028/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 201029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	8082	201028
MB 720-201028/1-A	Method Blank	Total/NA	Waste	8082	201028

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71496-2	HH4440-PCBB01	Total/NA	Waste	8082	201028

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Client Sample ID: HH4440-PCBB01

Lab Sample ID: 720-71496-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			201028	04/23/16 07:50	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 13:03	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 2
- 3
- 4
- 5
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- 12
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- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 3
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- 9
- 10
- 11
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- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71496-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71496-2	HH4440-PCBB01	Waste	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71496-1

Login Number: 71496

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

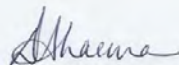
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71511-1
Client Project/Site: Building HH4440

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 4:00:13 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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results through
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Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Job ID: 720-71511-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71511-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: HH4440-PCBC01 (720-71511-1).

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4440-PCBC01 (720-71511-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Client Sample ID: HH4440-PCBC01

Lab Sample ID: 720-71511-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	410		99		ug/Kg	2		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Client Sample ID: HH4440-PCBC01

Lab Sample ID: 720-71511-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		99		ug/Kg		04/18/16 09:59	04/19/16 11:36	2
PCB-1221	ND		99		ug/Kg		04/18/16 09:59	04/19/16 11:36	2
PCB-1232	ND		99		ug/Kg		04/18/16 09:59	04/19/16 11:36	2
PCB-1242	ND		99		ug/Kg		04/18/16 09:59	04/19/16 11:36	2
PCB-1248	ND		99		ug/Kg		04/18/16 09:59	04/19/16 11:36	2
PCB-1254	ND		99		ug/Kg		04/18/16 09:59	04/19/16 11:36	2
PCB-1260	410		99		ug/Kg		04/18/16 09:59	04/19/16 11:36	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	110		45 - 132	04/18/16 09:59	04/19/16 11:36	2
<i>DCB Decachlorobiphenyl</i>	95		42 - 146	04/18/16 09:59	04/19/16 11:36	2

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71511-1	HH4440-PCBC01	110	95
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

GC Semi VOA

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71511-1	HH4440-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 200727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71511-1	HH4440-PCBC01	Total/NA	Solid	8082	200673

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Client Sample ID: HH4440-PCBC01

Lab Sample ID: 720-71511-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 09:59	KMK	TAL PLS
Total/NA	Analysis	8082		2	200727	04/19/16 11:36	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 3
- 4
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- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4440

TestAmerica Job ID: 720-71511-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71511-1	HH4440-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71511-1

Login Number: 71511

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	90	mg/kg	20	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
Zn	130	mg/kg	10	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001	Date: 4/13/16
	Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
	Due Date: _____ Due Time: _____	
	<input type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac	
Phone #: (510) 346-8860	<input type="checkbox"/> Special Project:	
Fax #: (888) 296-0271	<input checked="" type="checkbox"/> Metals Analysis: Method <u>Waste</u>	
Site: FORA	Matrix: <u>Solid</u>	
Job: HH	Analytes: <u>CAM 17</u>	

Comments / Email Reports To:
 chrisburns@vista-env.com & molli@vista-env.com

Hold for Possible TCLP & STLC

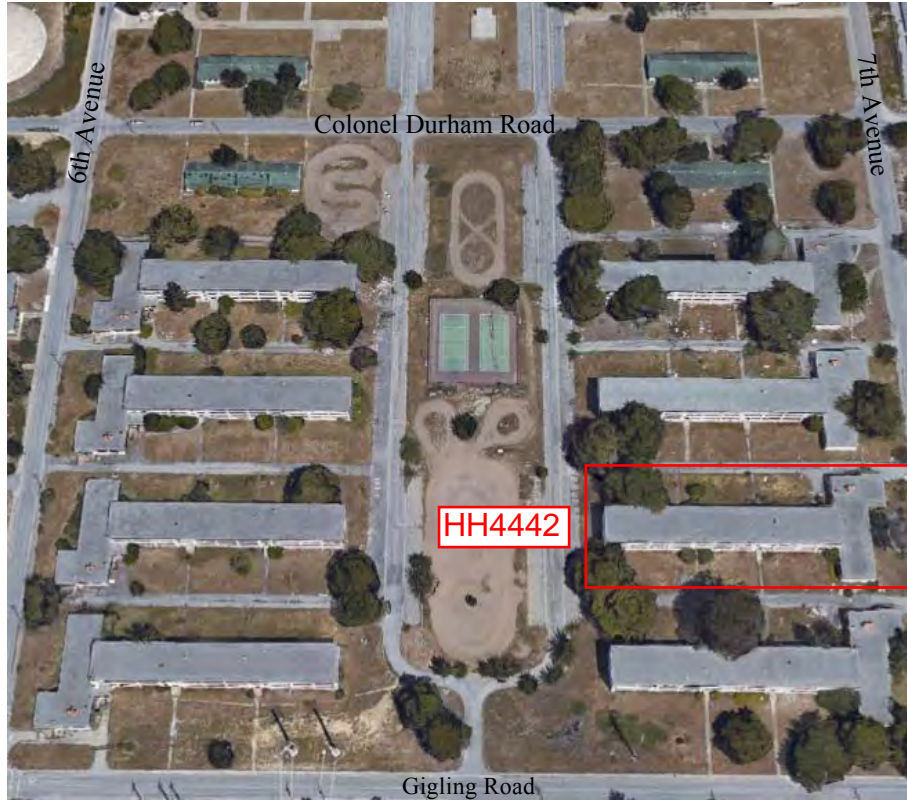
Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
HH-T22-01	4/13/16	Interior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-02	4/13/16	Exterior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-03	4/13/16	Ceramic Tile/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-04	4/13/16	CMU-94%, Roofing-4%, Plaster/Stucco/Wallboard/Wood (painted and not)-2%	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		(% by Weight)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/13/16 Time: 0900

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: _____ Date / Time: <u>4/13/16, 0900</u>	Relinquished by: _____ Date / Time: _____	Relinquished by: _____ Date / Time: _____
Received by: _____ Date / Time: _____	Received by: _____ Date / Time: _____	Received by: _____ Date / Time: _____
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING HH4442



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING HH4442

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, M, R, S, U, Y, Z, HH)	Vinyl Floor Tile/Mastic	9" Black, Beige, Green, Brown, Red, Blue and 12" Off-White, Beige/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories and Some Storage. This material is under newer CMU walls and under ceramic tiles located in bedrooms. Bags of Tile Debris were Identified outside the Main Entrance.	Class II	Category I - Non-Friable	30,150 SF
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	Handle Core Restrooms and Head Kitchen Restroom	Class II	Category II- Non-Friable	2,425 SF

BUILDING HH4442

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
J	Wallboard/Joint Compound	White/White	Head: South Offices, Handle: 1st Floor East Rooms	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	6,950 SF
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II-Non-Friable	420 SF
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
PP	Window Putty	White	Windows Except Restrooms	Class II	Category II-Non-Friable	8,200 SF (99 Windows)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
SS	Sealant	Tan, Window Frames	Throughout, Metal Windows	Class II	Category I - Non-Friable	305 SF (3,660 LF)

BUILDING HH4442 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
XX	Gasket	Black, Light	Handle Core Restrooms	Class II	Category I - Non-Friable	15 SF (15 Each)
ZZ	Insulator	Black, Electrical Box	Head, Kitchen Entrance Electrical Box. May be inside additional electrical boxes.	Class II	Category II- Non-Friable	5 SF
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	70 SF
F3	Flex Connector	White, HVAC	Head Roof on HVAC	Class I	Friable (RACM when Removed)	5 SF
O3	Glazing	Tan, Window, Interior	Kitchen Office Window	Class II	Category II - Non-Friable	100 SF (Windows)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
36	1	Outside	North	Door Frame	Metal	Brown	Intact	1.9	mg/cm ²
40	1	Outside	North	Louver	Metal	Beige	Deteriorated	1.8	mg/cm ²
147	1	Outside	North	Window	Metal	Brown	Intact	1.9	mg/cm ²
148	1	Outside	North	Hand Rail	Metal	Brown, Light	Deteriorated	1.4	mg/cm ²
153	1	Outside	South	Window	Metal	Brown	Deteriorated	2.3	mg/cm ²
244	1	1	North	Window Frame	Metal	Brown	Intact	1.7	mg/cm ²
245	1	1		Hood	Metal	Brown	Deteriorated	2.4	mg/cm ²
248	1	2	East	Wall	Concrete	White	Deteriorated	1.4	mg/cm ²
249	1	2	East	Window Sill	Concrete	White	Deteriorated	1.6	mg/cm ²
265	1	5	North	Window	Metal	White	Deteriorated	4.2	mg/cm ²
276	1	6		Floor	Wood	Yellow	Intact	2.4	mg/cm ²
292	1	8	South	Window Frame	Metal	Brown	Intact	2.7	mg/cm ²
296	1	9	South	Wall	Ceramic	White	Intact	7.9	mg/cm ²
302	1	10	South	Wall	Ceramic	White	Intact	5.9	mg/cm ²

BUILDING HH4442 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
309	1	Stairwell W		Stairs	Concrete	White	Intact	1.3	mg/cm ²
315	Basement	1	North	Door Frame	Metal	Black	Deteriorated	1.3	mg/cm ²
316	Basement	1	North	Wall	Concrete	White	Deteriorated	1.7	mg/cm ²
324	Basement	2	West	Window Frame	Metal	Black	Intact	1.6	mg/cm ²
325	Basement	2	West	Shelf	Metal	Gray	Deteriorated	1.5	mg/cm ²
330	Basement	3	North	Door	Metal	Orange	Intact	14.3	mg/cm ²
331	Basement	3	North	Door Frame	Metal	Orange	Intact	2.3	mg/cm ²
357	3	Stairwell E	East	Ladder	Metal	White	Intact	6.4	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste,

BUILDING HH4442

HAZARDOUS MATERIALS SUMMARY

and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Thermostat Triggers	Universal Waste	1
Transformers	Polychlorinated Biphenyls	1
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	2
Smoke Detectors	Low Level Radiation	40

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4442-PCBB01	Ballast Capacitor Oil	PCB-1016	1,200,000	mg/kg
HH4442-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.29	mg/kg
HH4442-PCBO01	Transformer Oil	PCBs	No Detections	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4442

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Insulator Paper	Brown, Electrical Box	1
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	2
J	Wallboard/Joint Compound	White/White	2
K	Texture Coat	White, Medium	5
L	Not Used	Not Used	Not Used
M	Vinyl Floor Tile/Mastic	9" Beige/Black	1
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White/Black	2
S	Vinyl Floor Tile/Mastic	9" Green/Black	1
T	Acoustic Ceiling Panel	2'x4' White, Fissure Pinhole, Horizontal	2
U	Vinyl Floor Tile/Mastic	9" Brown/Black	1
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4442

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Basecoat/ Mastic	4" Beige/Brown	2
X	Basecoat/ Mastic	4" Black/Brown	1
Y	Vinyl Floor Tile/Mastic	9" Blue/Black	1
Z	Vinyl Floor Tile/Mastic	9" Red/ Black	1
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Fiberglass Lateral Fissure	2
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Acoustic Ceiling Panel	2'x2' White, Solid Fiberglass	1
GG	Not Used	Not Used	Not Used
HH	Vinyl Floor Tile/Mastic	12" Beige/Black	2
II	Not Used	Not Used	Not Used
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Acoustic Ceiling Tile	12" White, Uniform Hole	1
OO	Not Used	Not Used	Not Used
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1




BUILDING HH4442

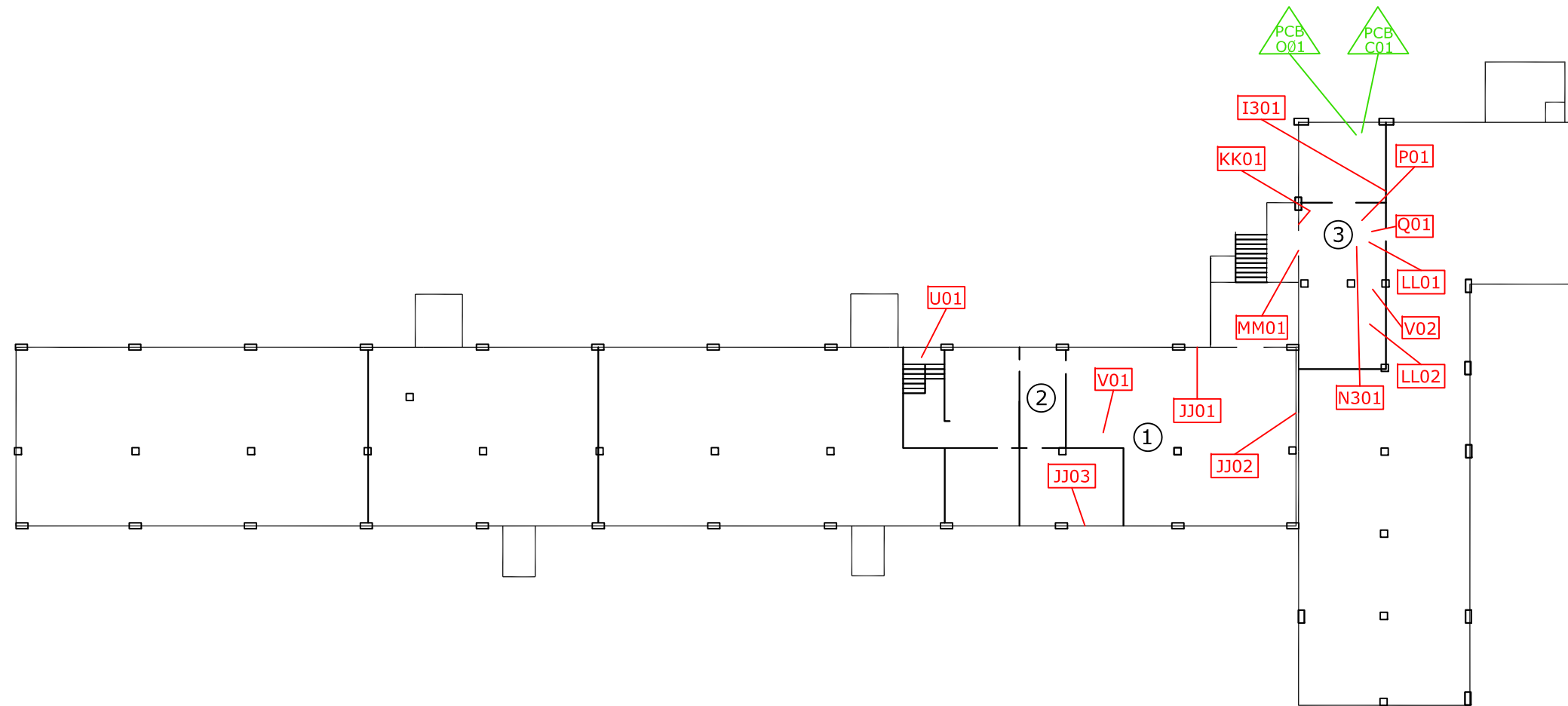
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Not Used	Not Used	Not Used
ZZ	Insulator	Black, Electrical Box	1
A3	Not Used	Not Used	Not Used
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation, Subsurface	1
I3	Insulator	Gray, Electrical Box	1
J3	Sealant	Gray, Window on Doors	1
K3	Acoustic Ceiling Tile/Mastic	12" White Uniform Hole/Tan, Walls	1
L3	Panel/Mastic	Brown/Brown, Counter	1
M3	Mastic	Green, 3" White Ceramic Wall	1
N3	Gasket	Black, Tank Valves	1

BUILDING HH4442
ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
O3	Glazing	Tan, Windows, Interior	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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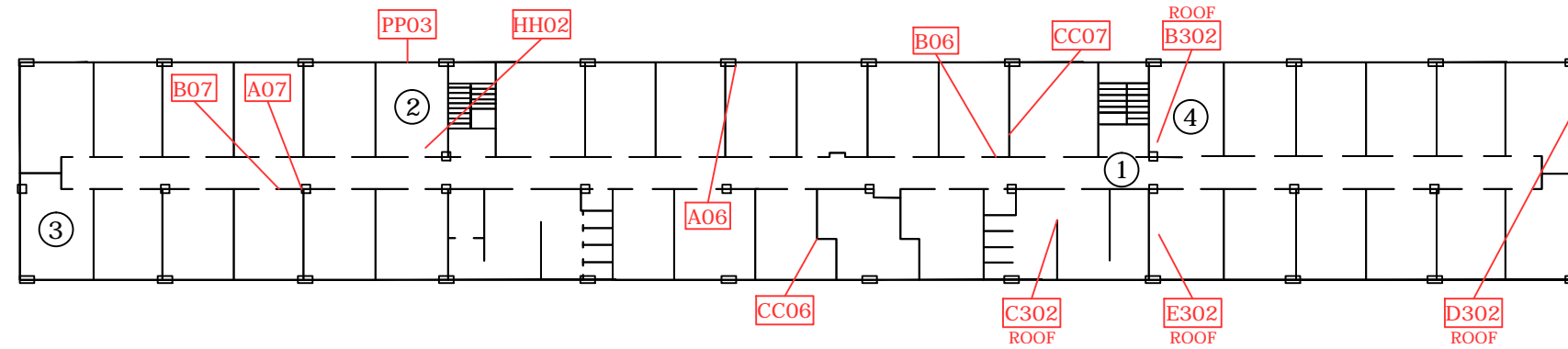
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BUILDING HH4442
 SAMPLE LOCATIONS
 BASEMENT




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 DATE: 05/21/2016
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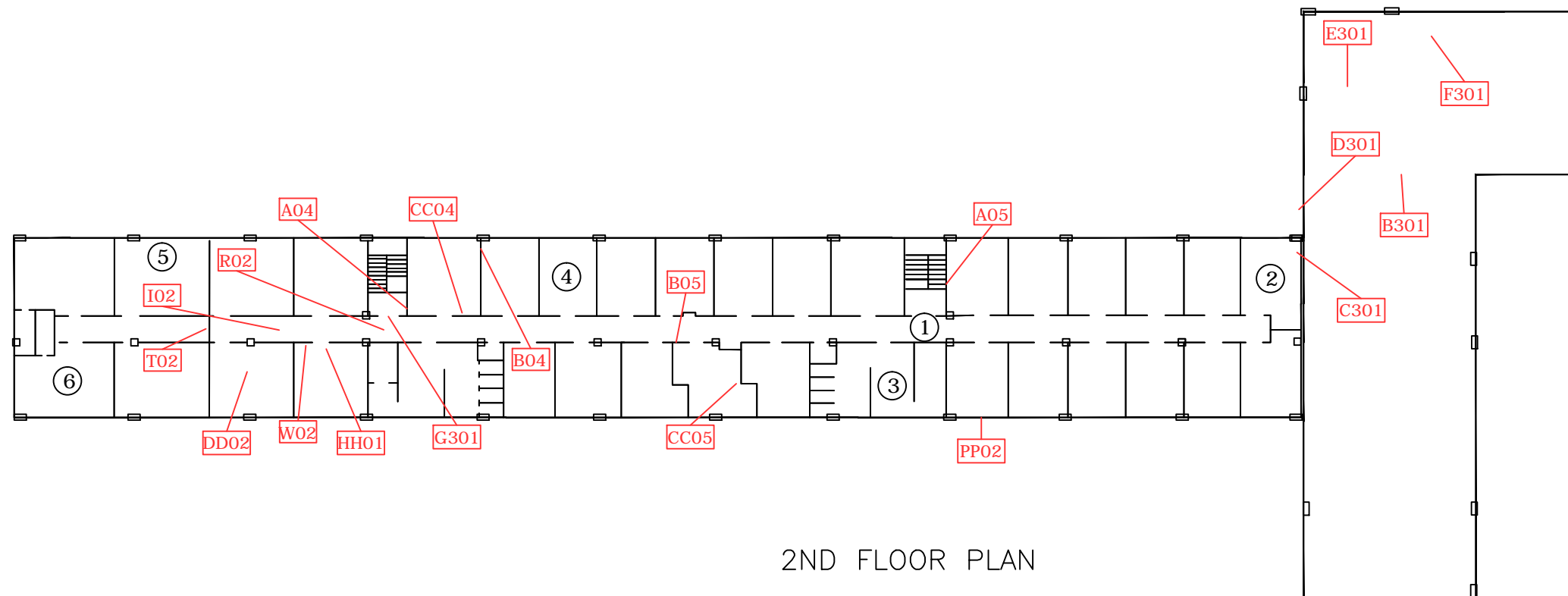
FIGURE

HH4442



3RD FLOOR PLAN

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



2ND FLOOR PLAN



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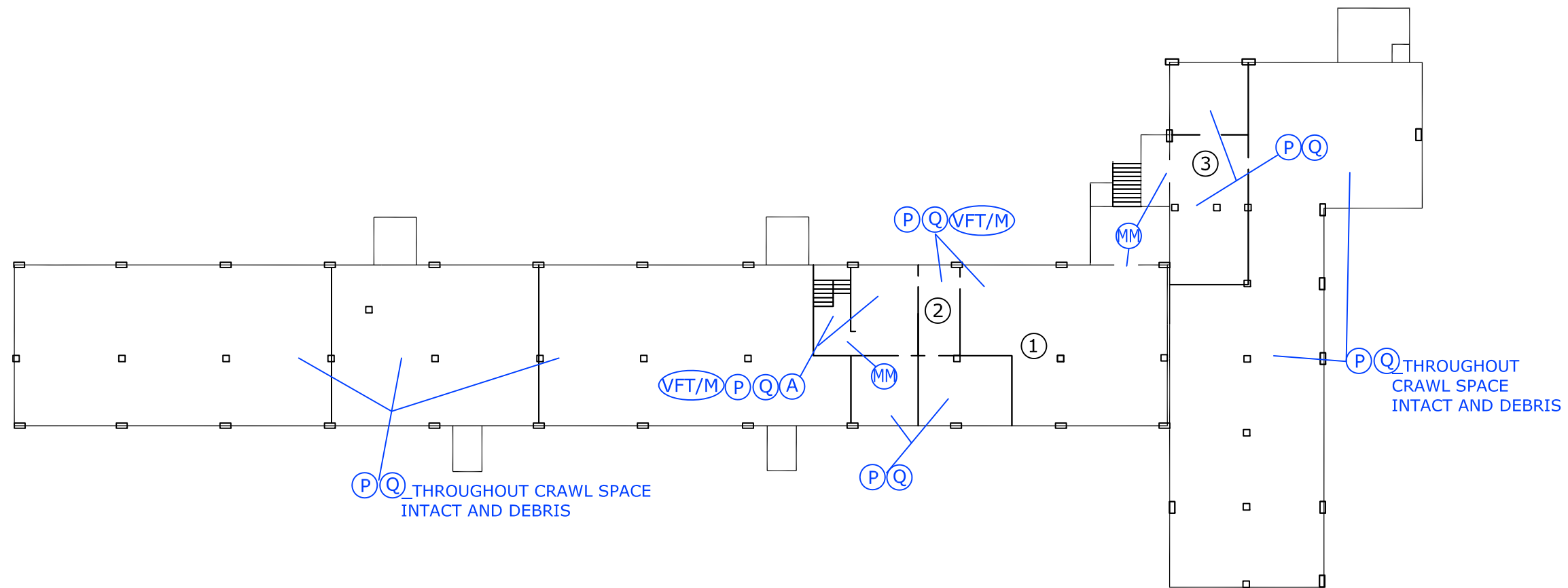
BUILDING HH4442
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

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FIGURE

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LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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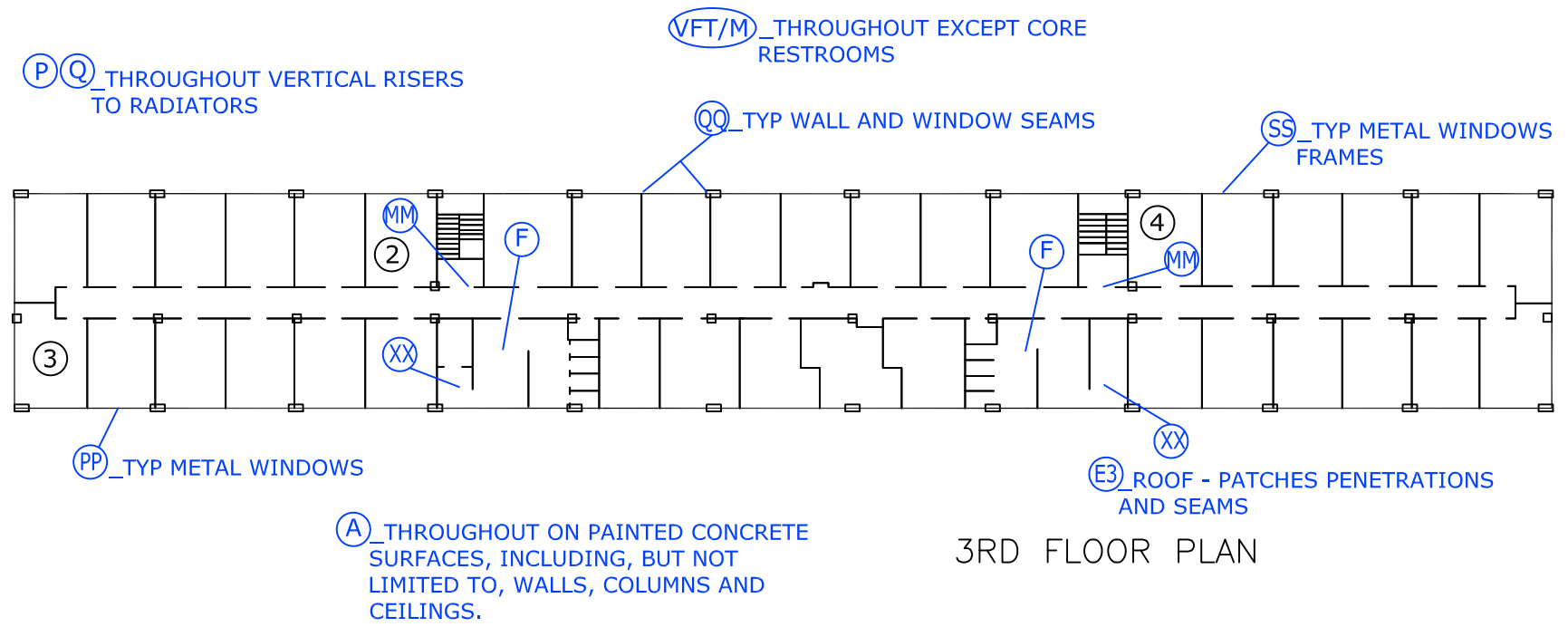
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BUILDING HH4442
 MATERIAL LOCATIONS
 BASEMENT

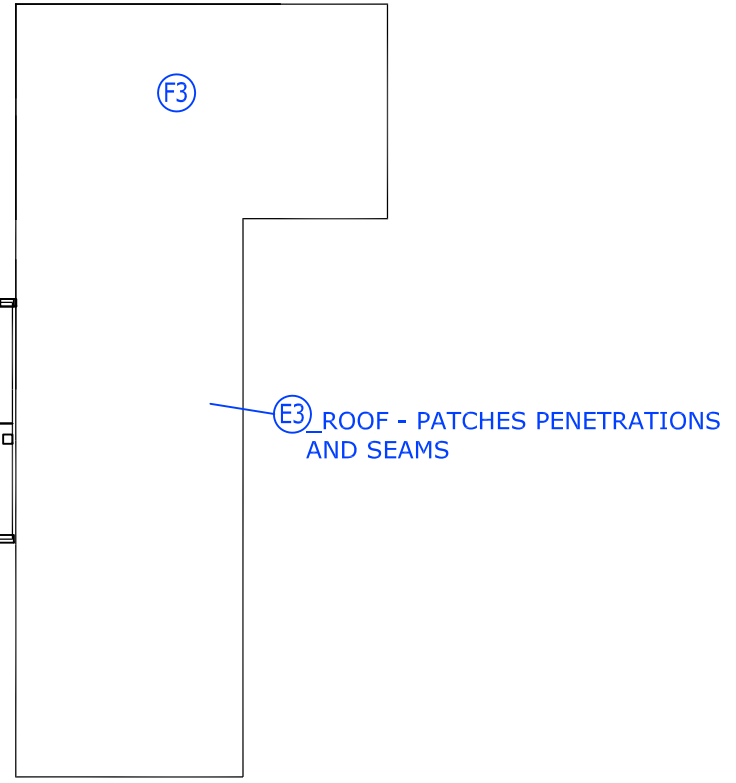
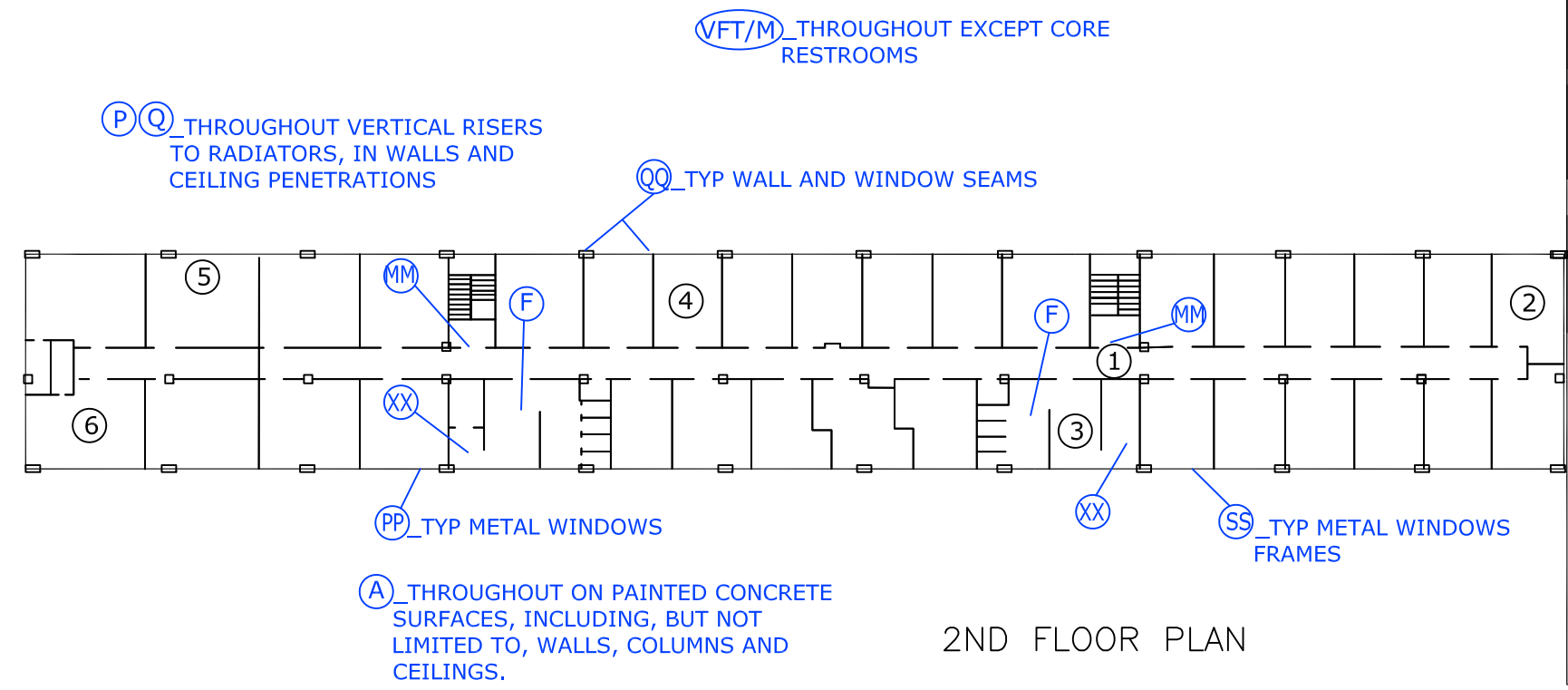
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FIGURE

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LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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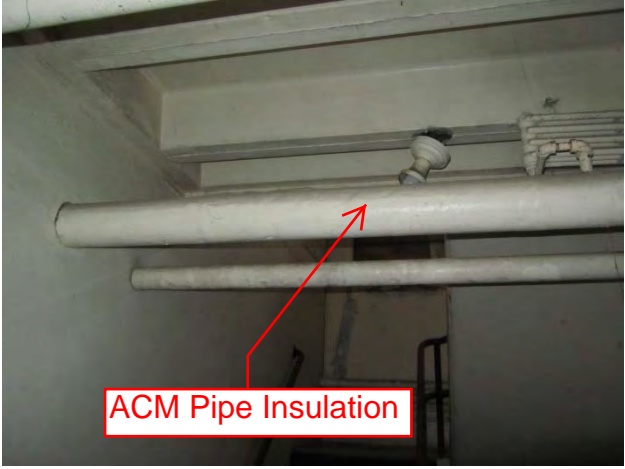
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 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING HH4442
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

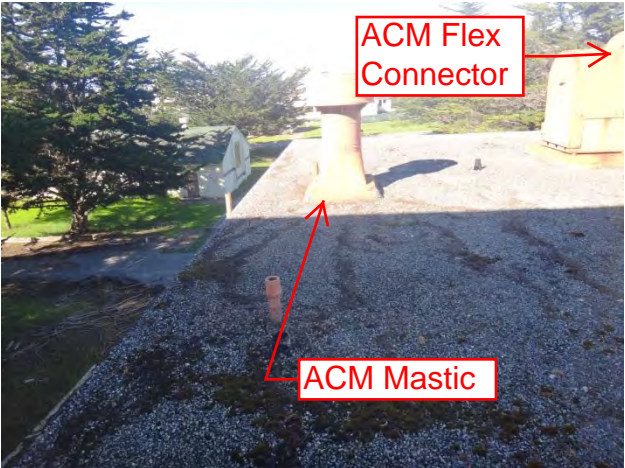
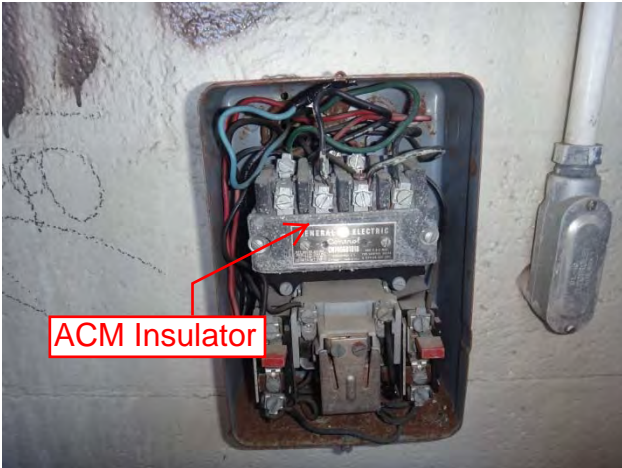
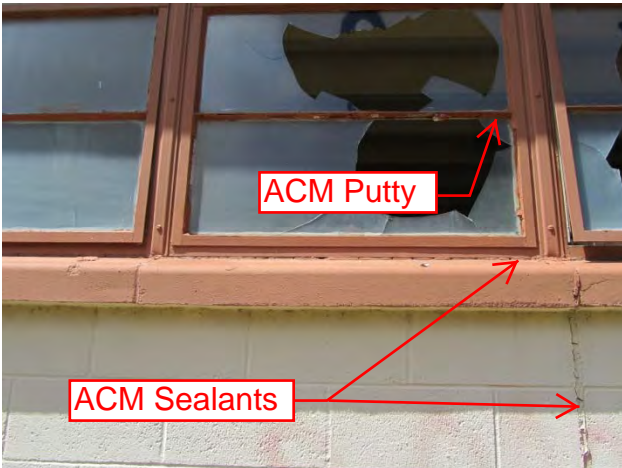
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FIGURE
 HH4442

BUILDING HH4442
PHOTO DOCUMENTATION



BUILDING HH4442
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B218450
Date Received: 03/21/16
Date Analyzed: 03/24/16
Date Printed: 03/25/16
First Reported: 03/24/16

Job ID/Site: 161091001 - FORA, HH4442

FALI Job ID: L1161
Total Samples Submitted: 104
Total Samples Analyzed: 104

Date(s) Collected: 03/17/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-A01	11744468						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-A02	11744469						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-A03	11744470						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-A04	11744471						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-A05	11744472						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-A06	11744473						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-A07	11744474						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-B01	11744475						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-B02	11744476						
Layer: Multi-Layer Paint			ND				
Layer: White Skimcoat			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-B03	11744477						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-B04	11744478						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-B05	11744479						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-B06	11744480						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-B07	11744481						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-C01	11744482						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-D01	11744483						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4442-E01	11744484						
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (5%)					

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-F01	11744485						
Layer: Brown Ceramic Tile			ND				
Layer: White Semi-Fibrous Material		Chrysotile	2 %				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-G01	11744486						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Synthetic (5 %)							
HH4442-H01	11744487						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4442-I01	11744488						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4442-I02	11744489						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4442-J01	11744490						
Layer: White Drywall			ND				
Layer: White Joint Compound		Chrysotile	2 %				
Layer: White Tape			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (10 %)							
HH4442-J02	11744491						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: White Tape			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-J03	11744492						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: White Tape			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
HH4442-K01	11744493						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-K02	11744494						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-K03	11744495						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-K04	11744496						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-K05	11744497						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-M01	11744498						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4442-N01	11744499						
Layer: Pink Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

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Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-O01	11744500						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
Cellulose (Trace)							
HH4442-P01	11744501						
Layer: White Semi-Fibrous Material		Amosite	10 %	Chrysotile	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4442-Q01	11744502						
Layer: White Semi-Fibrous Material		Amosite	10 %	Chrysotile	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4442-R01	11744503						
Layer: Off-White Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-R02	11744504						
Layer: Off-White Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4442-S01	11744505						
Layer: Green Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-T01	11744506						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4442-T02	11744507						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4442-U01	11744508						
Layer: Brown Tile		Chrysotile	Trace				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

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Report Number: B218450

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-V01	11744509						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)	Fibrous Glass (10 %)						
HH4442-V02	11744510						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)	Fibrous Glass (10 %)						
HH4442-W01	11744511						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-W02	11744512						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-X01	11744513						
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-Y01	11744514						
Layer: Blue Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4442-Z01	11744515						
Layer: Red Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4442-AA01	11744516						
Layer: White Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-BB01	11744517						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-CC-01	11744518						
Layer: Grey Grout			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-CC-02	11744519						
Layer: Grey Grout			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-CC-03	11744520						
Layer: Grey Grout			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-CC-04	11744521						
Layer: Grey Grout			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-CC-05	11744522						
Layer: Grey Grout			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-CC-06	11744523						
Layer: Grey Grout			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-CC-07	11744524						
Layer: Grey Grout			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-DD-01	11744525						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
HH4442-DD-02	11744526						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
HH4442-EE-01	11744527						
Layer: Blue Ceramic Tile			ND				
Layer: Dark Grey Grout			ND				
Layer: Brown Adhesive			ND				
Layer: White Mortar			ND				
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-FF-01	11744528						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
HH4442-HH-01	11744529						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4442-HH-02	11744530						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4442-JJ-01	11744531						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-JJ-02	11744532						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-JJ-03	11744533						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-KK-01	11744534						
Layer: Black Non-Fibrous Material			ND				
Layer: Black Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
HH4442-LL-01	11744535						
Layer: White Woven Material			ND				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4442-LL-02	11744536						
Layer: White Woven Material			ND				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4442-MM-01	11744537						
Layer: Grey Fibrous Material		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (70%)					
Cellulose (25 %)							
HH4442-NN-01	11744538						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
HH4442-PP-01	11744539						
Layer: White Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-PP-02	11744540						
Layer: White Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4442-PP-03	11744541						
Layer: White Putty		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-QQ-01	11744542						
Layer: Black Fibrous Material			ND				
Layer: Brown Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (70 %)							
HH4442-QQ-02	11744543						
Layer: Black Fibrous Material			ND				
Layer: Brown Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (70 %)							
HH4442-RR-01	11744544						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-SS-01	11744545						
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4442-SS-02	11744546						
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4442-TT-01	11744547						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-TT-02	11744548						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-UU-01	11744549						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-UU-02	11744550						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-VV-01	11744551						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-VV-02	11744552						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-WW-01	11744553						
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-XX-01	11744554						
Layer: Black Semi-Fibrous Material		Chrysotile	30 %				
Total Composite Values of Fibrous Components:		Asbestos (30%)					
Cellulose (Trace)							
HH4442-ZZ-01	11744555						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4442-B301-01	11744556						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-B302-02	11744557						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4442-C3-01	11744558						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4442-C3-02	11744559						
Layer: Tan Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4442-D3-01	11744560						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-D3-02	11744561						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4442-E3-01	11744562						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4442-E3-02	11744563						
Layer: Grey Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							
HH4442-F3-01	11744564						
Layer: White Fibrous Material		Chrysotile	80 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (78%)					
Synthetic (10 %)							
HH4442-G3-01	11744565						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4442-H3-01	11744566						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-I3-01	11744567						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-J3-01	11744568						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218450

Date Printed: 03/25/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-K3-01	11744569						
Layer: Brown Mastic			ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
HH4442-L3-01	11744570						
Layer: White Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4442-M3-01	11744571						
Layer: White Ceramic Tile			ND				
Layer: Grey Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Wollastonite (Trace)						



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008063
Date Received: 03/21/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, HH4442

FALI Job ID: L1161

PLM Report Number: B218450

Total Samples Submitted: 5
Total Samples Analyzed: 5

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4442-A01	11744468	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		20
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4442-A02	11744469	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		20
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4442-A05	11744472	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		1
Number of non-empty points:		400
Layer percentage of entire sample:		20
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008063
Date Received: 03/21/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, HH4442

FALI Job ID: L1161

PLM Report Number: B218450

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Total Samples Analyzed: 5

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Sample ID	Lab Number	Layer Description
HH4442-A06	11744473	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		20
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4442-J01	11744490	Composite of ALL Layers
White Drywall		
White Joint Compound		
White Tape		
Paint		
<i>Point Count Results:</i>		
Number of asbestos points counted:		0
Number of non-empty points:		400
Layer percentage of entire sample:		100
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.		

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008063
Date Received: 03/21/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, HH4442

FALI Job ID: L1161

PLM Report Number: B218450

Total Samples Submitted: 5

Total Samples Analyzed: 5

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	A	01	PAINT/SKIM COAT	WHITE/WHITE, CONCRETE		
HH4442	A	02				
HH4442	A	03				
HH4442	A	04				
HH4442	A	05				
HH4442	A	06				
HH4442	A	07				
HH4442	B	01	PAINT/SKIM COAT	WHITE/WHITE, CMU		
HH4442	B	02				
HH4442	B	03				

ANALYTICAL METHOD: PLM ~~SCPI/PCP/CMU~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

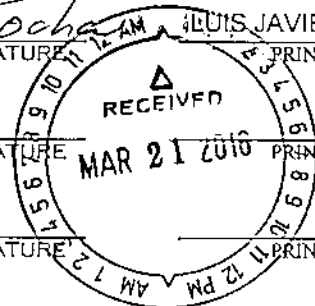
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME 03/18/16 DATE/TIME

2. [Signature] TRANSFER SIGNATURE d/s PRINTED NAME _____ DATE/TIME

3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	B	04				
HH4442	B	05				
HH4442	B	06				
HH4442	B	07				
HH4442	C	01	MORTAR/GROUT	GRAY/GRAY, QUARRY FLOOR		
HH4442	D	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC WALL		
HH4442	E	01	VIT/MAS	9" BLACK/BLACK		
HH4442	F	01	MORTAR/GROUT	WHITE/GRAY, CERAMIC FLOOR		
HH4442	G	01	VAPOR BARRIER	BLACK, CERAMIC FLOOR		
HH4442	H	01	INSULATION PAPER	BROWN, ELBET. BOX		

ANALYTICAL METHOD: PLM ~~ASBESTOS COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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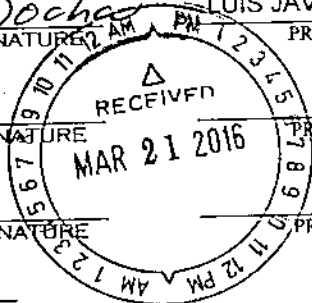
CHAIN OF CUSTODY:

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	I	01	ACP	2'X4' WHITE, GOUGE PINHOLE		
HH4442	I	02	↓	↓		
HH4442	J	01	WB LOC	WHITE / WHITE		
HH4442	J	02	↓	↓		
HH4442	J	03	↓	↓		
HH4442	K	01	TEXTURE COAT	WHITE / MEDIUM		
HH4442	K	02	↓	↓		
HH4442	K	03	↓	↓		
HH4442	K	04	↓	↓		
HH4442	K	05	↓	↓		

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
 DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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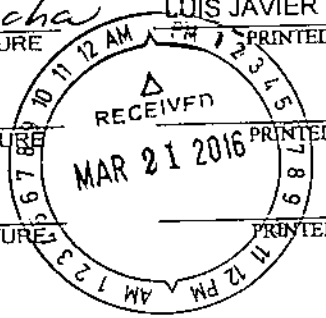
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CHAIN OF CUSTODY:

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 DATE/TIME: _____





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	M	01	VFT/MAS	9"BEIGE/BLACK		
HH4442	N	01	WALLBOARD	WHITE, CEILING		
HH4442	O	01	CEMENT PANEL	GRAY, WALL		
HH4442	P	01	TSI	WHITE, 4"-6" OD PIPES		
HH4442	Q	01	TSI	4"-6" OD WHITE, FITTINGS		
HH4442	R	01	VFT/MAS	12"OFF-WHITE/BLACK		
HH4442	R	02	↓	↓		
HH4442	S	01	VFT/MAS	9"GREEN/BLACK		
HH4442	T	01	ACP	2'x4' WHITE, HORZ FISSURE PINHOLE		
HH4442	T	02	↓	↓		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA
TRANSFER SIGNATURE PRINTED NAME

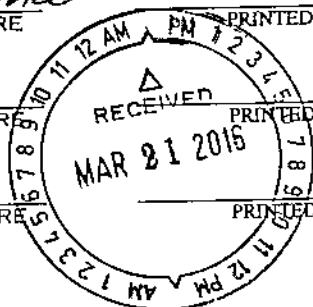
03/18/16
DATE/TIME

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DATE/TIME

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TRANSFER SIGNATURE PRINTED NAME

DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	U	01	VFT/MAS	9" BROWN/BLACK		
HH4442	V	01	JACKETING	WHITE FIBERGLASS PIPES		
HH4442	V	02	↓	↓		
HH4442	W	01	BASECOVE/MAS	4" BEIGE/BROWN		
HH4442	W	02	↓	↓		
HH4442	X	01	BASECOVE/MAS	4" BLACK/BROWN		
HH4442	Y	01	VFT/MAS	9" BLUE/BLACK		
HH4442	Z	01	VFT/MAS	9" RED/BLACK		
HH4442	AA	01	MORTAR/GROUT	WHITE/WHITE CERAMIC WALL		
HH4442	BB	01	VAPOR BARRIER	BLACK, WALL		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

- Luis Javier Rocha
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME
- CBM
TRANSFER SIGNATURE

PRINTED NAME
- TRANSFER SIGNATURE

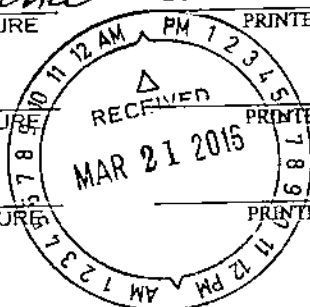
PRINTED NAME

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PAGE 5 OF 11





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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	CC	01	PAINT/CMU/GROUT	WHITE/GRAY/GRAY, NEW		
HH4442	CC	02				
HH4442	CC	03				
HH4442	CC	04				
HH4442	CC	05				
HH4442	CC	06				
HH4442	CC	07				
HH4442	DD	01	ACP	2'x4' WHITE, LATERAL FISSURE		
HH4442	DD	02				
HH4442	EE	01	HORIZONTAL GROUT/WALL BARRIER	GRAY/GRAY/BLACK, FLOOR		

ANALYTICAL METHOD: PLM ~~400 PPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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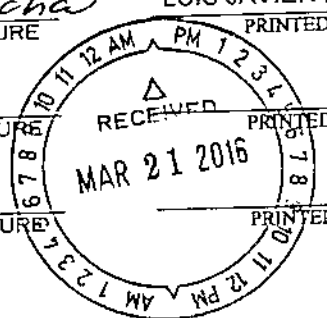
CHAIN OF CUSTODY:

- [Signature]* LUIS JAVIER ROCHA
TRANSFER SIGNATURE PRINTED NAME
- [Signature]* _____
TRANSFER SIGNATURE PRINTED NAME
- _____
TRANSFER SIGNATURE PRINTED NAME

03/18/16
DATE/TIME

DATE/TIME

DATE/TIME



PAGE 6 OF 11



VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	FF	01	ACP	2'x4' WHITE, SOLID FIBERGLASS		
HH4442	HH	01	VFT/MAS	12" BEIGE/BLACK		
HH4442	HH	02				
HH4442	JJ	01	PAINT/CONCRETE	WHITE/GRAY, BASEMENT		
HH4442	JJ	02				
HH4442	JJ	03				
HH4442	KK	01	INSULATION	BLACK, WIRE		
HH4442	LL	01	JACKETING	WHITE, TANK		
HH4442	LL	02				
HH4442	MM	01	INSULATION	WHITE, FIRE DOOR		

ANALYTICAL METHOD: PLM ~~400 FT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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CHAIN OF CUSTODY:

- [Signature]
TRANSFER SIGNATURE

AMUIS JAVIER ROCHA
PRINTED NAME
- [Signature]
TRANSFER SIGNATURE

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MAR 21 2016
PRINTED NAME
- _____
TRANSFER SIGNATURE

PRINTED NAME

03/18/16
DATE/TIME

DATE/TIME

DATE/TIME

PAGE 7 OF 11



2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	NN	01	ACT	12" W/ASE, UNIFORM HOLE		
HH4442	PP	01	PUTTY	WHITE, WINDOW		
HH4442	PP	02				
HH4442	PP	03				
HH4442	QQ	01	SEALANT/EXPANSION DDUNT	TAN/BROWN, STAIRS		
HH4442	QQ	02				
HH4442	RR	01	COATING	GRAY, EXTERIOR		
HH4442	SS	01	SEALANT	TAN, WINDOW FRAMES		
HH4442	SS	02				
HH4442	TT	01	PAINT	WHITE, EXTERIOR		

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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1. [Signature] LUIS JAVIER ROCHA
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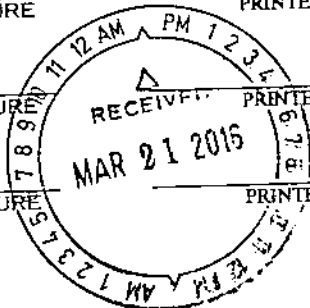
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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CBIJR

CAC OR SST No: 02-3244

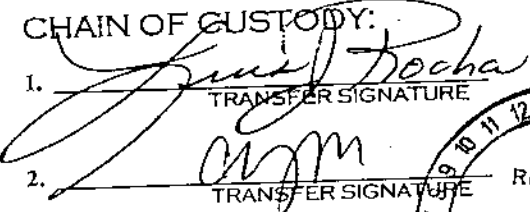

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	TT	02	↓	↓		
HH4442	UU	01	CONCRETE	GRAY, STRUCTURAL		
HH4442	UU	02	↓	↓		
HH4442	VV	01	PAINT/PAV/ROOFING	WHITE/GRAY/GRAY, ORIGINAL		
HH4442	VV	02	↓	↓		
HH4442	WW	01	SEALANT	BLACK, WINDOW FRAME		
HH4442	XX	01	GASKET	BLACK, LIGHT		
HH4442	ZZ	01	INSULATOR	BLACK, ELECT BOX		
HH4442	B301	01	ROOFING	CONCRETE, BLACK, T&G		
HH4442	B302	02	↓	↓		

ANALYTICAL METHOD: PLM ~~ASBESTOS~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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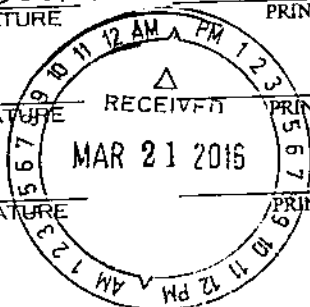
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-  RECEIVED PRINTED NAME d/o
- TRANSFER SIGNATURE PRINTED NAME

03/18/16
DATE/TIME

DATE/TIME

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	C3	01	PARADET/BASE	GRAY/BLACK, COILT-UP		
HH4442	C3	02	↓	↓		
HH4442	D3	01	FLASHING	BLACK, TAG		
HH4442	D3	02	↓	↓		
HH4442	E3	01	MASTIC	GRAY & BLACK, ROOF		
HH4442	E3	02	↓	↓		
HH4442	F3	01	FLEX CONNECTOR	WHITE, HVAC ROOF		
HH4442	G3	01	INSULATION	BROWN, FIRE DOOR		
HH4442	H3	01	VAPOR BARRIER	BLACK, FOUNDATION		
HH4442	I3	01	INSULATOR	GRAY, ELECT. BOX		

ANALYTICAL METHOD: PLM ~~ACCP/CCM/~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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AM. LUIS JAVIER ROCHA PRINTED NAME
- [Signature] TRANSFER SIGNATURE

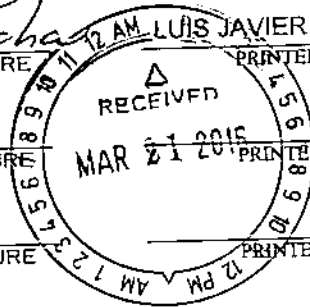
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03/18/16
DATE/TIME

DATE/TIME

DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/17/16

LOCATION: HH 4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	J3	01	SEALANT	GRAY, WINDOW IN OR DOORS		
HH4442	K3	01	ACT/MAS	12" WHITE, UNIFORM/ HOLES / TAN		
HH4442	L3	01	PANEL/MAS	BROWN/BROWN, COUNTER		
HH4442	M3	01	MASTIC	GREEN, 3" CERAMIC WALL		
<div style="font-size: 2em; opacity: 0.5;">104 SAMPLES</div>						

ANALYTICAL METHOD: PLM ~~400PT/COIN~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

- [Signature] TRANSFER SIGNATURE

LUIS JAVIER ROCHA PRINTED NAME
- [Signature] TRANSFER SIGNATURE

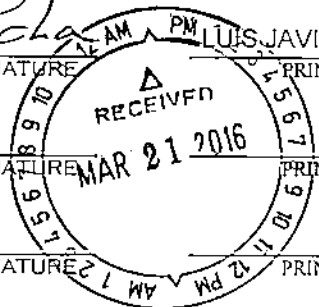
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- TRANSFER SIGNATURE

PRINTED NAME

03/18/16
DATE/TIME

DATE/TIME

DATE/TIME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B219011
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4442

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 03/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4442-N301	11749113						
Layer: Green/Red Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
HH4442-O301	11749114						
Layer: Tan Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: HH 4442

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4442	N3	01	GASKET	BLACK, TANK VALVES		
HH4442	03	01	GLAZING	TAN, WINDOW	INTERIOR	
<i>2 SAMPLES</i>						

ANALYTICAL METHOD: PLM 400 PFC COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. *Luis Rocha*
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/29/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

**FORA
HH4442
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					2.96	cps
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
31	HH 4442	1	OUTSIDE	NORTH	DOCK	CONCRETE	BEIGE	DETERIORATED	Negative	0.9	mg/cm ²
32	HH 4442	1	OUTSIDE	EAST	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.26	mg/cm ²
33	HH 4442	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0.17	mg/cm ²
34	HH 4442	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.24	mg/cm ²
35	HH 4442	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.4	mg/cm ²
36	HH 4442	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.9	mg/cm ²
37	HH 4442	1	OUTSIDE	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
38	HH 4442	1	OUTSIDE	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.05	mg/cm ²
39	HH 4442	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
40	HH 4442	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Positive	1.8	mg/cm ²
41	HH 4442	1	OUTSIDE	EAST	PIPE	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
142	HH 4442	1	OUTSIDE	NORTH	CURB	CONCRETE	RED	DETERIORATED	Negative	0.5	mg/cm ²
143	HH 4442	1	OUTSIDE	NORTH	WALL	WOOD	BEIGE	DETERIORATED	Negative	0.06	mg/cm ²
144	HH 4442	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
145	HH 4442	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
146	HH 4442	1	OUTSIDE	NORTH	WINDOW SILL	WOOD	BROWN	DETERIORATED	Negative	0.13	mg/cm ²
147	HH 4442	1	OUTSIDE	NORTH	WINDOW	METAL	BROWN	INTACT	Positive	1.9	mg/cm ²
148	HH 4442	1	OUTSIDE	NORTH	HAND RAIL	METAL	BROWN, LIGHT	DETERIORATED	Positive	1.4	mg/cm ²
149	HH 4442	1	OUTSIDE	NORTH	STAIRS	CONCRETE	RED	DETERIORATED	Negative	0.04	mg/cm ²
150	HH 4442	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
151	HH 4442	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4442
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
152	HH 4442	1	OUTSIDE	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
153	HH 4442	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	DETERIORATED	Positive	2.3	mg/cm ²
154	HH 4442	1	OUTSIDE	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
155	HH 4442	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.12	mg/cm ²
235					CALIBRATE				Positive	1	mg/cm ²
236					CALIBRATE				Positive	1	mg/cm ²
238					CALIBRATE				Positive	1.1	mg/cm ²
239	HH 4442	1	1	EAST	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
240	HH 4442	1	1	EAST	WALL	CERAMIC	RED	INTACT	Negative	0.11	mg/cm ²
241	HH 4442	1	1	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.28	mg/cm ²
242	HH 4442	1	1	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.18	mg/cm ²
243	HH 4442	1	1	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
244	HH 4442	1	1	NORTH	WINDOW FRAME	METAL	BROWN	INTACT	Positive	1.7	mg/cm ²
245	HH 4442	1	1		HOOD	METAL	BROWN	DETERIORATED	Positive	2.4	mg/cm ²
246	HH 4442	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
247	HH 4442	1	1		BEAM	CONCRETE	WHITE	DETERIORATED	Negative	0.1	mg/cm ²
248	HH 4442	1	2	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Positive	1.4	mg/cm ²
249	HH 4442	1	2	EAST	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Positive	1.6	mg/cm ²
250	HH 4442	1	2	EAST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.24	mg/cm ²
251	HH 4442	1	2	EAST	RADIATOR	METAL	WHITE	INTACT	Negative	0.8	mg/cm ²
252	HH 4442	1	2	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
253	HH 4442	1	2	WEST	BASEBOARD	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
254	HH 4442	1	2	WEST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
255	HH 4442	1	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
256	HH 4442	1	3	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4442
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
257	HH 4442	1	3	SOUTH	BEAM	CONCRETE	BROWN	INTACT	Negative	0.07	mg/cm ²
258	HH 4442	1	4	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
259	HH 4442	1	4	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0.12	mg/cm ²
260	HH 4442	1	4	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.15	mg/cm ²
261	HH 4442	1	4	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.14	mg/cm ²
262	HH 4442	1	4	EAST	EXPANSION JOINT	METAL	BEIGE	INTACT	Negative	0.6	mg/cm ²
263	HH 4442	1	4	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
264	HH 4442	1	4	SOUTH	DOOR	WOOD	BEIGE	INTACT	Negative	0.03	mg/cm ²
265	HH 4442	1	5	NORTH	WINDOW	METAL	WHITE	DETERIORATED	Positive	4.2	mg/cm ²
266	HH 4442	1	5	NORTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.29	mg/cm ²
267	HH 4442	1	5	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.5	mg/cm ²
268	HH 4442	1	5	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
269	HH 4442	1	5	WEST	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
270	HH 4442	1	5		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
271	HH 4442	1	5		BEAM	CONCRETE	WHITE	DETERIORATED	Negative	0.07	mg/cm ²
272	HH 4442	1	6	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.23	mg/cm ²
273	HH 4442	1	6	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0.06	mg/cm ²
274	HH 4442	1	6	EAST	TRIM	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
275	HH 4442	1	6		FLOOR	WOOD	GRAY	INTACT	Negative	0.12	mg/cm ²
276	HH 4442	1	6		FLOOR	WOOD	YELLOW	INTACT	Positive	2.4	mg/cm ²
277	HH 4442	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
278	HH 4442	1	7	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.1	mg/cm ²
279	HH 4442	1	7	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.08	mg/cm ²
280	HH 4442	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
281	HH 4442	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4442
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
282	HH 4442	1	7	NORTH	BASEBOARD	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
283	HH 4442	1	7	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
284	HH 4442	1	7	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
285	HH 4442	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
286	HH 4442	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
287	HH 4442	1	8	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.14	mg/cm ²
288	HH 4442	1	8	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
289	HH 4442	1	8	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
290	HH 4442	1	8	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.27	mg/cm ²
291	HH 4442	1	8	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
292	HH 4442	1	8	SOUTH	WINDOW FRAME	METAL	BROWN	INTACT	Positive	2.7	mg/cm ²
293	HH 4442	1	8	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
294	HH 4442	1	8	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
295	HH 4442	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
296	HH 4442	1	9	SOUTH	WALL	CERAMIC	WHITE	INTACT	Positive	7.9	mg/cm ²
297	HH 4442	1	9		FLOOR	CERAMIC	BLUE	INTACT	Negative	0.01	mg/cm ²
298	HH 4442	1	10		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
299	HH 4442	1	10		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.14	mg/cm ²
300	HH 4442	1	10	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
301	HH 4442	1	10	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
302	HH 4442	1	10	SOUTH	WALL	CERAMIC	WHITE	INTACT	Positive	5.9	mg/cm ²
303	HH 4442	1	STAIRWELL W	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.28	mg/cm ²
304	HH 4442	1	STAIRWELL W	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
305	HH 4442	1	STAIRWELL W	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
306	HH 4442	1	STAIRWELL W	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4442
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
307	HH 4442	1	STAIRWELL W		HAND RAIL	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
308	HH 4442	1	STAIRWELL W		STAIRS	CONCRETE	BROWN	INTACT	Negative	0.2	mg/cm ²
309	HH 4442	1	STAIRWELL W		STAIRS	CONCRETE	WHITE	INTACT	Positive	1.3	mg/cm ²
310	HH 4442	1	STAIRWELL W		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
311	HH 4442	1	11	NORTH	WALL	CONCRETE	YELLOW	INTACT	Negative	0.12	mg/cm ²
312	HH 4442	1	11	WEST	DOOR FRAME	METAL	BLUE, LIGHT	INTACT	Negative	0.06	mg/cm ²
313	HH 4442	1	11	WEST	DOOR	WOOD	BLUE, LIGHT	DETERIORATED	Negative	0.01	mg/cm ²
314	HH 4442	BASEMENT	1	NORTH	DOOR	METAL	BLACK	DETERIORATED	Negative	0.8	mg/cm ²
315	HH 4442	BASEMENT	1	NORTH	DOOR FRAME	METAL	BLACK	DETERIORATED	Positive	1.3	mg/cm ²
316	HH 4442	BASEMENT	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	1.7	mg/cm ²
317	HH 4442	BASEMENT	1	SOUTH	WALL	CONCRETE	GREEN, LIGHT	INTACT	Negative	0.13	mg/cm ²
318	HH 4442	BASEMENT	1	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.05	mg/cm ²
319	HH 4442	BASEMENT	1	WEST	WALL	DRYWALL	BLUE	INTACT	Negative	0.01	mg/cm ²
320	HH 4442	BASEMENT	2	WEST	WALL	CONCRETE	BLUE, LIGHT	INTACT	Negative	0.06	mg/cm ²
321	HH 4442	BASEMENT	2	SOUTH	WALL	CONCRETE	BLUE, LIGHT	INTACT	Negative	0.13	mg/cm ²
322	HH 4442	BASEMENT	2	SOUTH	DOOR FRAME	METAL	BLACK	DETERIORATED	Negative	0.8	mg/cm ²
323	HH 4442	BASEMENT	2	SOUTH	DOOR	WOOD	BLACK	INTACT	Negative	0.01	mg/cm ²
324	HH 4442	BASEMENT	2	WEST	WINDOW FRAME	METAL	BLACK	INTACT	Positive	1.6	mg/cm ²
325	HH 4442	BASEMENT	2	WEST	SHELF	METAL	GRAY	DETERIORATED	Positive	1.5	mg/cm ²
326	HH 4442	BASEMENT	2	WEST	DOOR FRAME	METAL	RED	DETERIORATED	Negative	0.3	mg/cm ²
327	HH 4442	BASEMENT	STAIRWELL E	EAST	DOOR FRAME	METAL	RED	INTACT	Negative	0.3	mg/cm ²
328	HH 4442	BASEMENT	STAIRWELL E	EAST	DOOR	METAL	RED	INTACT	Negative	0.3	mg/cm ²
329	HH 4442	BASEMENT	STAIRWELL E	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.4	mg/cm ²
330	HH 4442	BASEMENT	3	NORTH	DOOR	METAL	ORANGE	INTACT	Positive	14.3	mg/cm ²
331	HH 4442	BASEMENT	3	NORTH	DOOR FRAME	METAL	ORANGE	INTACT	Positive	2.3	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4442
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
332	HH 4442	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
333	HH 4442	2	1	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
334	HH 4442	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
335	HH 4442	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
336	HH 4442	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
337	HH 4442	2	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
338	HH 4442	2	1	NORTH	PIPE	METAL	RED	INTACT	Negative	0.8	mg/cm ²
339	HH 4442	2	2	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
340	HH 4442	2	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
341	HH 4442	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
342	HH 4442	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
343	HH 4442	2	2	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
344	HH 4442	2	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
345	HH 4442	2	2	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
346	HH 4442	2	3	WEST	STALL	METAL	RED	INTACT	Negative	0	mg/cm ²
347	HH 4442	2	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
348	HH 4442	2	5	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.14	mg/cm ²
349	HH 4442	2	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
350	HH 4442	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
351	HH 4442	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
352	HH 4442	3	1	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
353	HH 4442	3	2	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.22	mg/cm ²
354	HH 4442	3	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
355	HH 4442	3	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
356	HH 4442	3	STAIRWELL E	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.27	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4442
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
357	HH 4442	3	STAIRWELL E	EAST	LADDER	METAL	WHITE	INTACT	Positive	6.4	mg/cm ²
358					SHUTTER_CAL					2.92	mg/cm ²
359					CALIBRATE				Positive	1	mg/cm ²
360					CALIBRATE				Positive	1	mg/cm ²
361					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

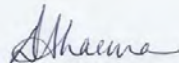
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71413-1
Client Project/Site: Building HH4442

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 4:52:35 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Job ID: 720-71413-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-71413-1

Comments

No additional comments.

Receipt

The samples were received on 4/8/2016 2:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.4° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Client Sample ID: HH4442-PCBO01

Lab Sample ID: 720-71413-2

No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Client Sample ID: HH4442-PCBO01

Lab Sample ID: 720-71413-2

Date Collected: 04/08/16 12:00

Matrix: Solid

Date Received: 04/08/16 14:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1500		ug/Kg		04/16/16 10:19	04/19/16 11:02	1
PCB-1221	ND		1500		ug/Kg		04/16/16 10:19	04/19/16 11:02	1
PCB-1232	ND		1500		ug/Kg		04/16/16 10:19	04/19/16 11:02	1
PCB-1242	ND		1500		ug/Kg		04/16/16 10:19	04/19/16 11:02	1
PCB-1248	ND		1500		ug/Kg		04/16/16 10:19	04/19/16 11:02	1
PCB-1254	ND		1500		ug/Kg		04/16/16 10:19	04/19/16 11:02	1
PCB-1260	ND		1500		ug/Kg		04/16/16 10:19	04/19/16 11:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		32 - 112	04/16/16 10:19	04/19/16 11:02	1
DCB Decachlorobiphenyl	83		2 - 122	04/16/16 10:19	04/19/16 11:02	1

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71413-2	HH4442-PCBO01	68	83
720-71413-2 MS	HH4442-PCBO01	63	87
720-71413-2 MSD	HH4442-PCBO01	66	80
LCS 720-200636/2-A	Lab Control Sample	64	86
MB 720-200636/1-A	Method Blank	76	86

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200636/1-A
Matrix: Solid
Analysis Batch: 200650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1221	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1232	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1242	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1248	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1254	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1260	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		32 - 112	04/16/16 10:19	04/17/16 10:59	1
DCB Decachlorobiphenyl	86		2 - 122	04/16/16 10:19	04/17/16 10:59	1

Lab Sample ID: LCS 720-200636/2-A
Matrix: Solid
Analysis Batch: 200650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	103		ug/Kg		77	55 - 112
PCB-1260	133	110		ug/Kg		83	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	64		32 - 112
DCB Decachlorobiphenyl	86		2 - 122

Lab Sample ID: 720-71413-2 MS
Matrix: Solid
Analysis Batch: 200728

Client Sample ID: HH4442-PCBO01
Prep Type: Total/NA
Prep Batch: 200636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		3960	3390		ug/Kg		86	69 - 120
PCB-1260	ND		3960	3530		ug/Kg		89	73 - 114

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	63		32 - 112
DCB Decachlorobiphenyl	87		2 - 122

Lab Sample ID: 720-71413-2 MSD
Matrix: Solid
Analysis Batch: 200728

Client Sample ID: HH4442-PCBO01
Prep Type: Total/NA
Prep Batch: 200636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	ND		3770	3300		ug/Kg		87	69 - 120	3	20
PCB-1260	ND		3770	3120		ug/Kg		83	73 - 114	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	66		32 - 112
DCB Decachlorobiphenyl	80		2 - 122

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

GC Semi VOA

Prep Batch: 200636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71413-2	HH4442-PCBO01	Total/NA	Solid	3550B	
720-71413-2 MS	HH4442-PCBO01	Total/NA	Solid	3550B	
720-71413-2 MSD	HH4442-PCBO01	Total/NA	Solid	3550B	
LCS 720-200636/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-200636/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200636/2-A	Lab Control Sample	Total/NA	Solid	8082	200636
MB 720-200636/1-A	Method Blank	Total/NA	Solid	8082	200636

Analysis Batch: 200728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71413-2	HH4442-PCBO01	Total/NA	Solid	8082	200636
720-71413-2 MS	HH4442-PCBO01	Total/NA	Solid	8082	200636
720-71413-2 MSD	HH4442-PCBO01	Total/NA	Solid	8082	200636



Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Client Sample ID: HH4442-PCBO01

Lab Sample ID: 720-71413-2

Date Collected: 04/08/16 12:00

Matrix: Solid

Date Received: 04/08/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200636	04/16/16 10:19	BSY	TAL PLS
Total/NA	Analysis	8082		1	200728	04/19/16 11:02	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71413-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71413-2	HH4442-PCBO01	Solid	04/08/16 12:00	04/08/16 14:30

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Chain of Custody Record

720-71413

Regulatory Program: DW NPDES RCRA Other:


TestAmerica Laboratories, Inc.



Client Contact: Vista Environmental Consulting
 Project Manager: Chris Burns
 Date: _____
 Carrier: _____

2984 Teagarden Street
 San Leandro, CA 94577
 510-346-8860
 888-296-0271 FAX
 FORA
 HH4442
 161091001

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Lab Contact:	Date:	Carrier:	COC No.:	Sampler:	For Lab Use Only:
HH4442 -PCB001	4/8/2016	1200 G	Liquid		1	X	8082 (3580 B or C)						Walk-In Client: Lab Sampling: Job / SDG No.:
 720-71413 Chain of Custody													

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other: 1
 Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & mollie@vista-env.com

Custody Seals Intact: Yes No
 Custody Seal No.: _____
 Cooler Temp. (°C): Obs'd: _____ Cor'd: _____ Term ID No.: 1742

Relinquished by: [Signature]
 Date/Time: 4/8/16 8:00
 Received by: [Signature]
 Date/Time: 4/8/16 14:30

Relinquished by: [Signature]
 Date/Time: 4/8/16 14:30
 Received in Laboratory by: [Signature]
 Date/Time: 4/8/16 14:30

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71413-1

Login Number: 71413

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

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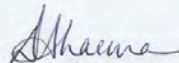
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71493-1
Client Project/Site: Building HH4442

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:07:28 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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results through
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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Job ID: 720-71493-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-71493-1

Comments

No additional comments.

Receipt

The samples were received on 4/12/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a dilution due to the nature of the sample matrix: HH4442-PCBB01 (720-71493-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Client Sample ID: HH4442-PCBB01

Lab Sample ID: 720-71493-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	1200000000		42000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Client Sample ID: HH4442-PCBB01

Lab Sample ID: 720-71493-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1200000000		42000000		ug/Kg		04/23/16 07:50	04/25/16 12:29	20000
PCB-1221	ND		42000000		ug/Kg		04/23/16 07:50	04/25/16 12:29	20000
PCB-1232	ND		42000000		ug/Kg		04/23/16 07:50	04/25/16 12:29	20000
PCB-1242	ND		42000000		ug/Kg		04/23/16 07:50	04/25/16 12:29	20000
PCB-1248	ND		42000000		ug/Kg		04/23/16 07:50	04/25/16 12:29	20000
PCB-1254	ND		42000000		ug/Kg		04/23/16 07:50	04/25/16 12:29	20000
PCB-1260	ND		42000000		ug/Kg		04/23/16 07:50	04/25/16 12:29	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	42 - 147				04/23/16 07:50	04/25/16 12:29	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	30 - 148				04/23/16 07:50	04/25/16 12:29	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Waste

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (42-147)	DCB1 (30-148)
720-71493-2	HH4442-PCBB01	0 X D	0 X D
LCS 720-201028/2-A	Lab Control Sample	120	107
MB 720-201028/1-A	Method Blank	116	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201028/1-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1221	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1232	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1242	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1248	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1254	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1
PCB-1260	ND		250		ug/Kg		04/23/16 07:50	04/23/16 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		42 - 147	04/23/16 07:50	04/23/16 13:46	1
DCB Decachlorobiphenyl	105		30 - 148	04/23/16 07:50	04/23/16 13:46	1

Lab Sample ID: LCS 720-201028/2-A

Matrix: Waste

Analysis Batch: 201029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4000	4380		ug/Kg		110	85 - 153
PCB-1260	4000	4110		ug/Kg		103	78 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	120		42 - 147
DCB Decachlorobiphenyl	107		30 - 148

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

GC Semi VOA

Prep Batch: 201028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71493-2	HH4442-PCBB01	Total/NA	Waste	3580A	
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 720-201028/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 201029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-201028/2-A	Lab Control Sample	Total/NA	Waste	8082	201028
MB 720-201028/1-A	Method Blank	Total/NA	Waste	8082	201028

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71493-2	HH4442-PCBB01	Total/NA	Waste	8082	201028

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Client Sample ID: HH4442-PCBB01

Lab Sample ID: 720-71493-2

Date Collected: 04/12/16 11:00

Matrix: Waste

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			201028	04/23/16 07:50	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 12:29	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 3
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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71493-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71493-2	HH4442-PCBB01	Waste	04/12/16 11:00	04/12/16 13:50

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TestAmerica Pleasanton
1220 Quarry Lane

720-71493

Chain of Custody Record

167885

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact
Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8860
888-296-0271
FAX
FORA
HH2442
161091001

Project Manager: Chris Burns

Site Contact:

Date:

COC No: 7 of 7 COCs

Tel/Fax:

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below _____
 2 weeks
 1 week
 2 days
 1 day

Lab Contact:

Carrier:

Sampler:
For Lab Use Only:
Walk-In Client:
Lab Sampling:
Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grub)	Matrix	# of Cont	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)
HH442-PCBB01	4/8/2016	1100 G		Solid	1		X

Sample Specific Notes:



720-71493 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other _____
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Non-hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & mollie@vista-env.com

Return to Client Disposal by Lab Archive for _____ Months

Custody Seals Intact: Yes No

Custody Seal No.:

Code: (e.g., (C): Obsd:

Contd:

Therm ID No.:

Relinquished by: *[Signature]*

Vista

Date/Time:

Received by: *[Signature]*

Company: VISTA

Date/Time: 04/12/16 0900

Relinquished by: *[Signature]*

Company: VISTA

Date/Time: 04/12/16 1350

Received by: *[Signature]*

Company: VISTA

Date/Time: 4/12/16 1350

Relinquished by:

Company:

Date/Time:

Received In Laboratory by:

Company:

Date/Time:

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71493-1

Login Number: 71493

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

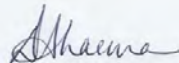
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71509-1
Client Project/Site: Building HH4442

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 3:53:46 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Job ID: 720-71509-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71509-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: HH4442-PCBC01 (720-71509-1).

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4442-PCBC01 (720-71509-1), (LCS 720-200673/2-A) and (MB 720-200673/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Client Sample ID: HH4442-PCBC01

Lab Sample ID: 720-71509-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	290		49		ug/Kg	1		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Client Sample ID: HH4442-PCBC01

Lab Sample ID: 720-71509-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:34	1
PCB-1221	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:34	1
PCB-1232	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:34	1
PCB-1242	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:34	1
PCB-1248	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:34	1
PCB-1254	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:34	1
PCB-1260	290		49		ug/Kg		04/18/16 09:59	04/19/16 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		45 - 132	04/18/16 09:59	04/19/16 02:34	1
DCB Decachlorobiphenyl	73		42 - 146	04/18/16 09:59	04/19/16 02:34	1



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71509-1	HH4442-PCBC01	89	73
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

GC Semi VOA

Analysis Batch: 200669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71509-1	HH4442-PCBC01	Total/NA	Solid	8082	200673

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71509-1	HH4442-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Client Sample ID: HH4442-PCBC01

Lab Sample ID: 720-71509-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 09:59	KMK	TAL PLS
Total/NA	Analysis	8082		1	200669	04/19/16 02:34	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4442

TestAmerica Job ID: 720-71509-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71509-1	HH4442-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

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720-71509

167999

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other:

Client Contact Vista Environmental Consulting 2994 Teagarden Street San Leandro, CA 94577 510-346-8860 888-296-0271 FAX FORA HH4442 161091001		Project Manager: Chris Burns Toll-Free: Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below: <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Date: Carrier:		COC No.: of COCs	
Sample Identification HH442-#### - PCB001		Sample Date 4/12/2016	Sample Time 800 am	Sample Type (G-Cont, G-env)	Matrix Solid	# of Cont. 1	Filtered Sample (Y / N) Perform MS / MSD (Y / N) 8082 (3550 B or C)
<p>Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other _____ 1</p> <p>Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p> <p><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by lab <input type="checkbox"/> Archive for _____ Months</p> <p>Special Instructions/QC Requirements & Comments: Please email report to christburns@vista-env.com & mollie@vista-env.com</p>							
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Relinquished by: <i>[Signature]</i>		Vista Company: VISTA		Date/Time: 4/12/16, 0800		Received by: <i>[Signature]</i>	
Relinquished by: <i>[Signature]</i>		VISTA Company: VISTA		Date/Time: 04/12/16 1350		Received in Laboratory by:	

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71509-1

Login Number: 71509

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	90	mg/kg	20	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
		Zn	130	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001	Date: 4/13/16	
	Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day		
	Due Date:	Due Time:	
	<input type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000		
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac		
Phone #: (510) 346-8860	<input type="checkbox"/> Special Project:		
Fax #: (888) 296-0271	<input checked="" type="checkbox"/> Metals Analysis: Method <u>Waste</u>		
Site: FORA	Matrix: <u>Solid</u>		
Job: HH	Analytes: <u>CAM 17</u>		

Comments / Email Reports To:
 chrisburns@vista-env.com & molli@vista-env.com

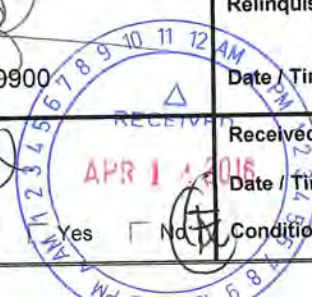
Hold for Possible TCLP & STLC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
HH-T22-01	4/13/16	Interior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-02	4/13/16	Exterior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-03	4/13/16	Ceramic Tile/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-04	4/13/16	CMU-94%, Roofing-4%, Plaster/Stucco/Wallboard/Wood (painted and not)-2%	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		(% by Weight)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
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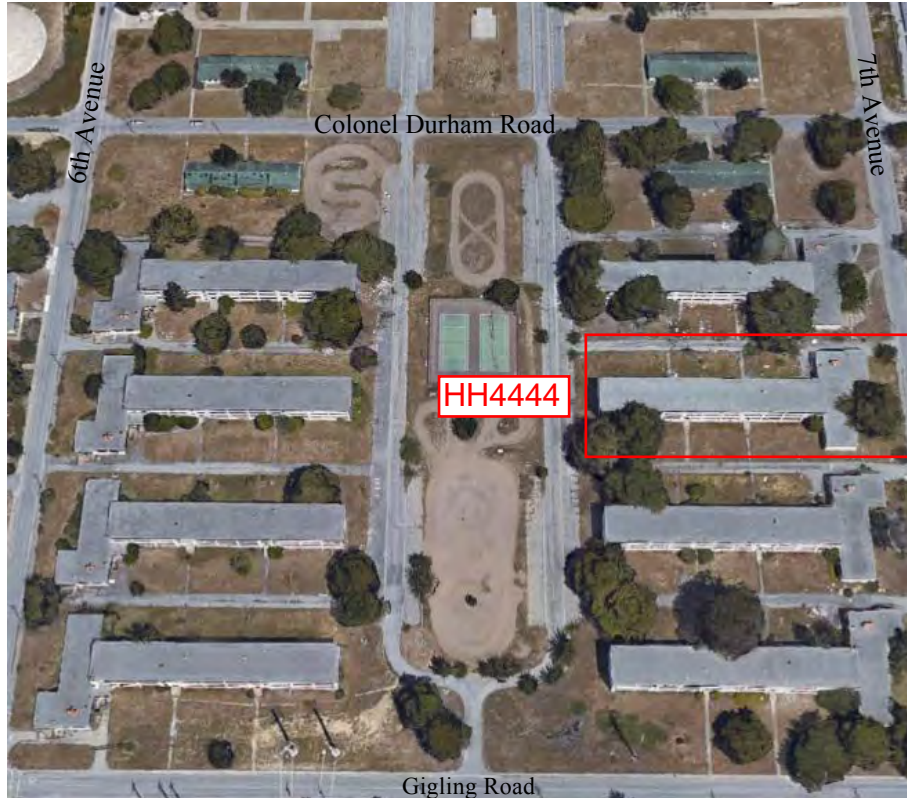
Sampled by: Chris Burns Date: 4/13/16 Time: 0900

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: Date / Time: <u>4/13/16, 0900</u>	Relinquished by: _____ Date / Time: _____
Received by: Date / Time: _____ Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No



BUILDING HH4444



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING HH4444

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, M, R, S, Y, J3)	Vinyl Floor Tile/Mastic	9" Black, Green, Tan, Dark Blue, and 12" Off-White, Black/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories. This material is under newer CMU walls and under ceramic tiles located in bedrooms. Bags of Tile Debris were Identified outside the Main Entrance.	Class II	Category I - Non-Friable	31,150 SF
J	Wallboard/Joint Compound	White/White	Head: throughout Except Restroom, North Office and Storage; Handle: 1st Floor West Rooms and Basement Storage	Class II	NA (Composite <1% by Point Count, Wallboard=ND, Joint Compound=2%)	9,352 SF

BUILDING HH4444

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II-Non-Friable	420 SF
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
SS	Sealant	Tan, Window Frames	Throughout, Metal Windows	Class II	Category I - Non-Friable	305 SF (3,660 LF)
XX	Gasket	Black, Light	Handle Core Restrooms	Class II	Category I - Non-Friable	15 SF (15 Each)
ZZ	Insulator	Black, Electrical Box	Head, Kitchen Entrance Electrical Box. May be inside additional electrical boxes.	Class II	Category II-Non-Friable	5 SF

BUILDING HH4444

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	70 SF
F3	Flex Connector	White, HVAC	Head Roof on HVAC	Class I	Friable (RACM when Removed)	5 SF
M3	Glazing	Tan, Window, Interior	Kitchen Office Window	Class II	Category II - Non-Friable	100 SF (Windows)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
14	1	Outside	North	Door Frame	Metal	Brown	Deteriorated	2	mg/cm ²
18	1	Outside	North	Louver	Metal	Beige	Deteriorated	1.3	mg/cm ²
20	1	Outside	North	Stairs	Concrete	Brown	Deteriorated	4	mg/cm ²
25	1	Outside	North	Window	Metal	Brown	Deteriorated	1.5	mg/cm ²
30	1	Outside	South	Window	Metal	Brown	Intact	2.1	mg/cm ²
43	1	1	North	Window	Metal	Blue	Intact	2.8	mg/cm ²
48	1	2	South	Door	Wood	Brown	Deteriorated	3.5	mg/cm ²
55	1	4	West	Window Frame	Metal	Brown	Intact	4.6	mg/cm ²
70	1	6	South	Window	Metal	White	Intact	3.1	mg/cm ²
78	1	7	East	Wall	Concrete	White	Intact	1.6	mg/cm ²
82	1	8	West	Wall	Concrete	White	Intact	1.1	mg/cm ²
84	1	8	North	Wall	Ceramic	White	Intact	6.9	mg/cm ²
109	Basement	3	North	Door	Metal	Orange	Intact	15.2	mg/cm ²
110	Basement	3	North	Door Frame	Metal	Orange	Intact	6	mg/cm ²
141	3	Stairwell E	East	Ladder	Metal	White	Deteriorated	11.1	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING HH4444

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING HH4444

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	418
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Transformers	Polychlorinated Biphenyls	1
Light Fixture Ballasts	Polychlorinated Biphenyls	210
Water Coolers/Fountains	Ozone Depleting Chemicals	2
Smoke Detectors	Low Level Radiation	35

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4444-PCBB01	Ballast Capacitor Oil	PCB-1016	420,000	mg/kg
HH4442-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.31	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4444

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Not Used	Not Used	Not Used
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	2
J	Wallboard/Joint Compound	White/White	3
K	Texture Coat	White, Small	3
L	Basecove/ Mastic	Brown/Brown	1
M	Vinyl Floor Tile/Mastic	12" Black/Black	1
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White/Black	2
S	Vinyl Floor Tile/Mastic	9" Green/Black	2
T	Acoustic Ceiling Panel	2'x4' White, Fissure Pinhole, Horizontal	2
U	Not Used	Not Used	Not Used
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4444




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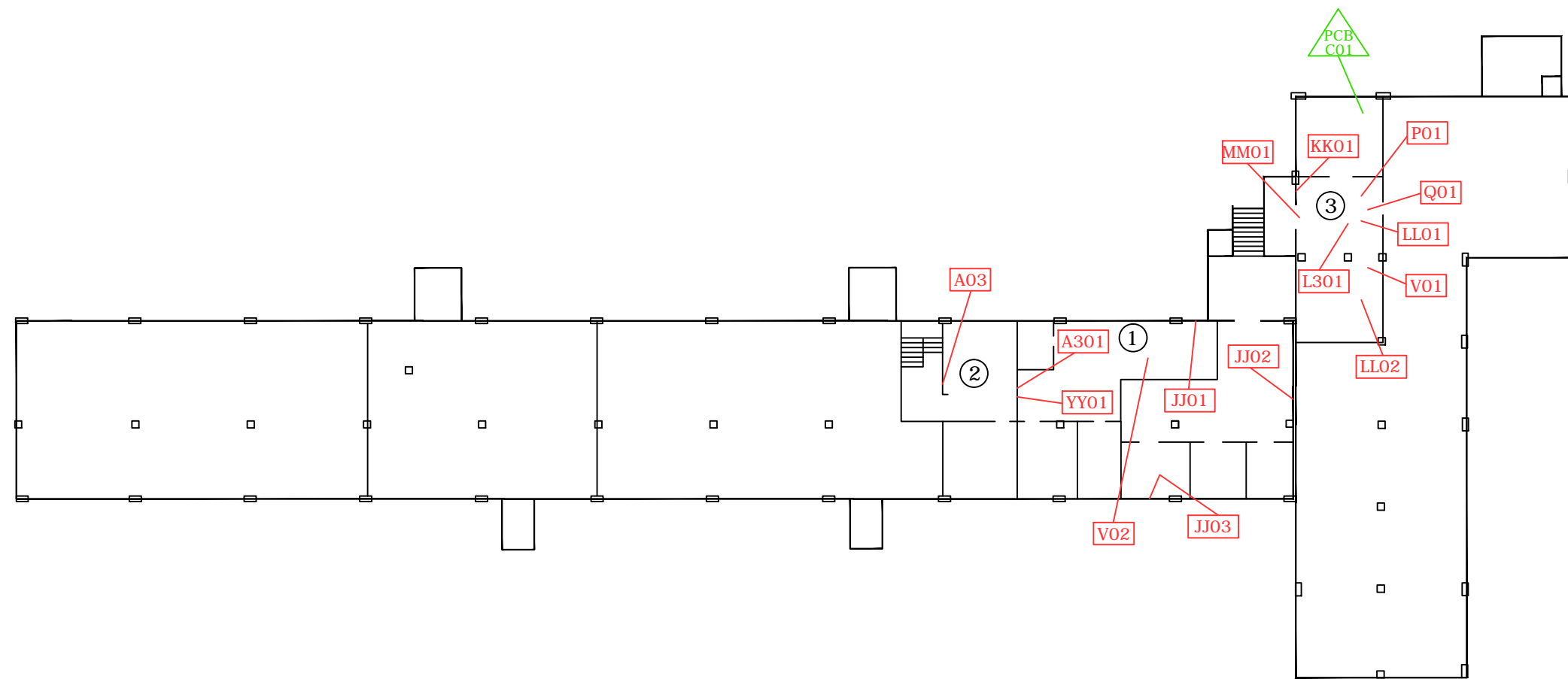
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W	Basecoat/ Mastic	4" Beige/ Brown	2
X	Not Used	Not Used	Not Used
Y	Vinyl Floor Tile/Mastic	9" Tan/Black	2
Z	Not Used	Not Used	Not Used
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Fiberglass, Lateral Fissure	1
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Acoustic Ceiling Panel	2'x2' White, Solid Fiberglass	1
GG	Acoustic Ceiling Panel	2'x4' White, Gouge Fiberglass	1
HH	Not Used	Not Used	Not Used
II	Not Used	Not Used	Not Used
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Acoustic Ceiling Tile	12" White, Uniform Hole	1
OO	Not Used	Not Used	Not Used
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1

BUILDING HH4444

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray, Exterior	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Insulation	White, Wire	1
ZZ	Insulator	Black, Electrical Box	1
A3	Insulation Paper	Black, Electrical Box	1
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation, Subsurface	1
I3	Acoustic Ceiling Panel	2'x4' White, Random Pinhole, Patch	1
J3	Vinyl Floor Tile/Mastic	9" Dark Blue/Black	1
K3	Panel	Brown, Door Protector	1
L3	Gasket	Green, Tank Valves	1
M3	Glazing	Tan, Window, Interior	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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 SAN LEANDRO, CA 94577
 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA




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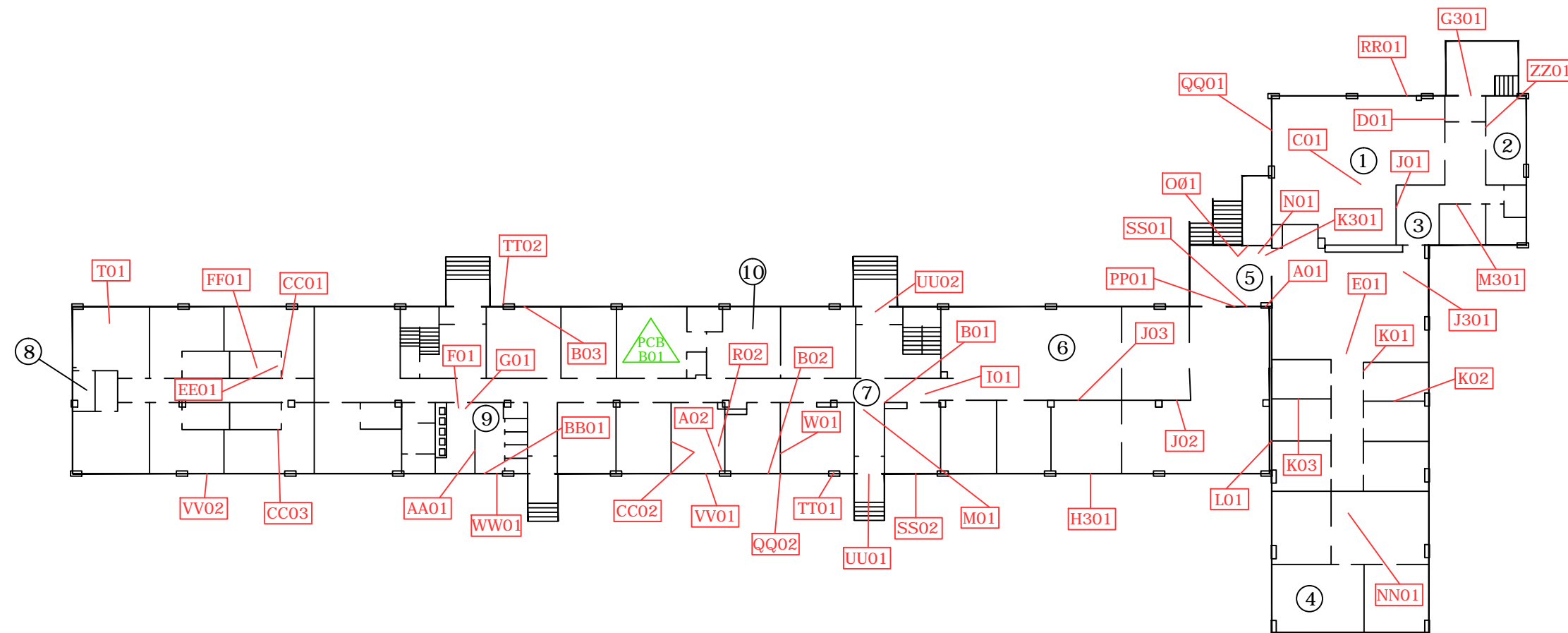
BUILDING HH4444
 SAMPLE LOCATIONS
 BASEMENT

SCALE: 1" = 30'
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 CHECKED BY: CB
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 DATE: 05/21/2016
 DRAWING No.

FIGURE

HH4444

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

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 SEASIDE, CALIFORNIA

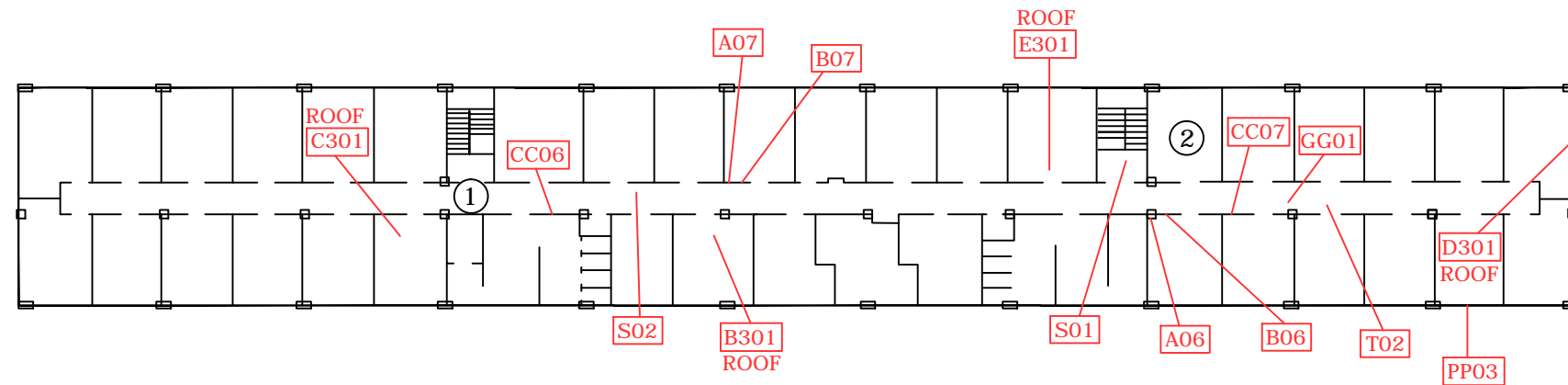
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BUILDING HH4444
 SAMPLE LOCATIONS
 FIRST FLOOR

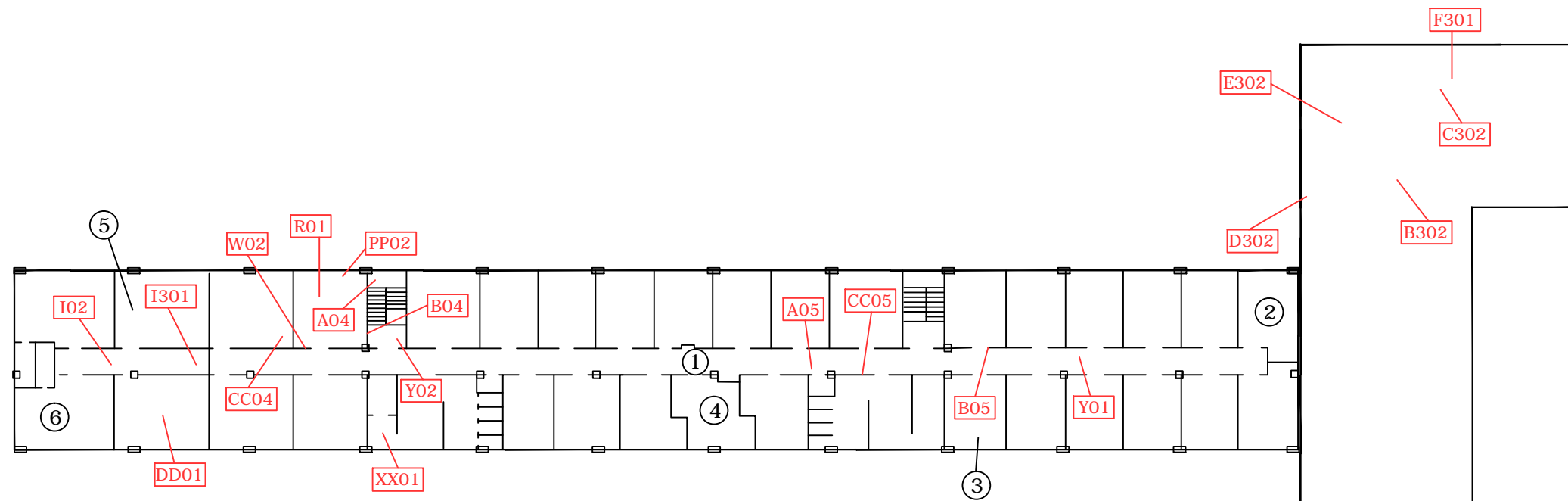
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FIGURE




HH4444



3RD FLOOR PLAN



2ND FLOOR PLAN

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS





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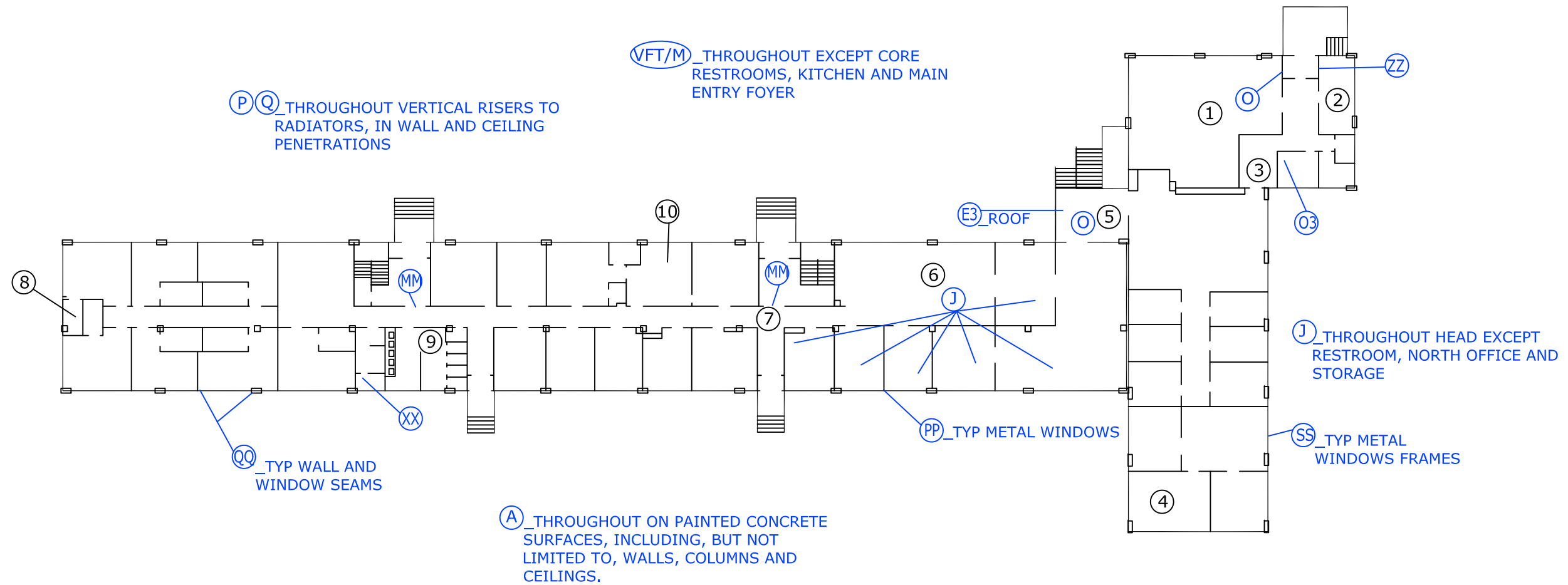
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 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING HH4444
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 HH4444

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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PROJECT TITLE

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 SEASIDE, CALIFORNIA

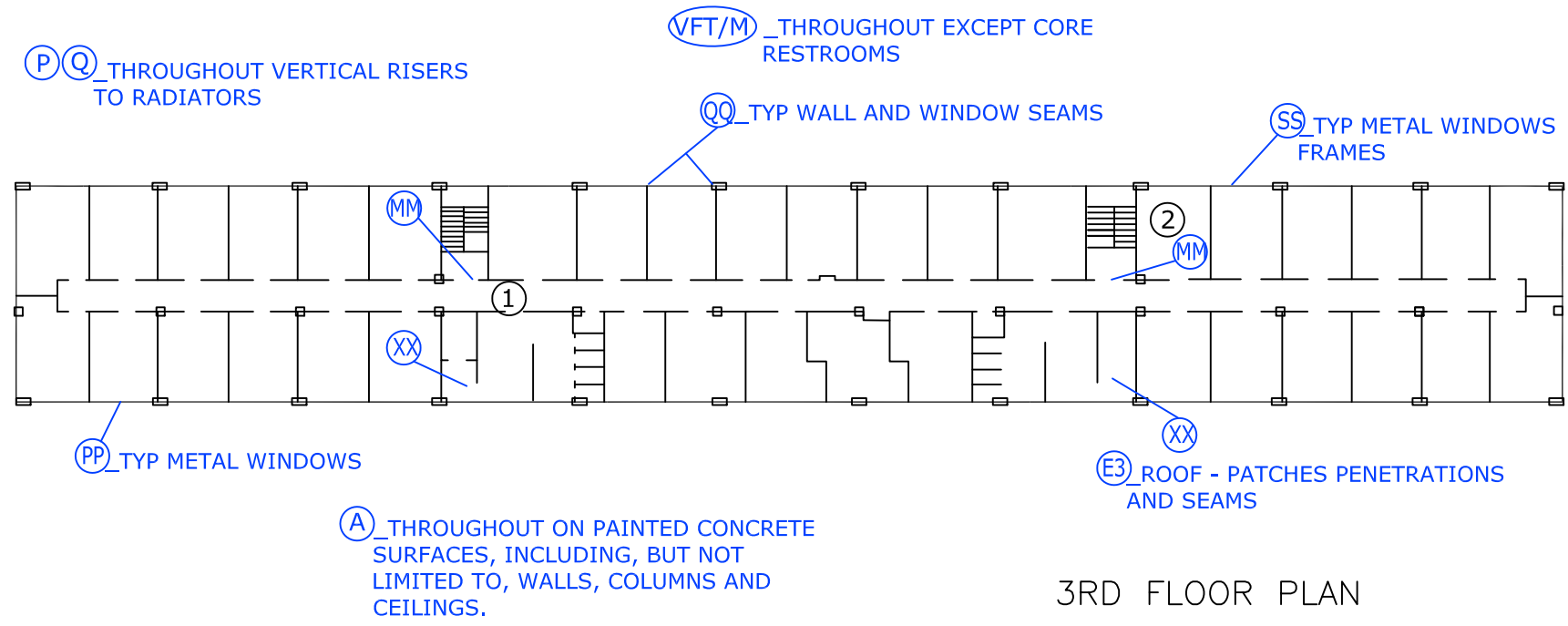
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BUILDING HH4444
 MATERIAL LOCATIONS
 FIRST FLOOR

SCALE: 1" = 30'
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 PROJECT No.
 DATE: 05/21/2016
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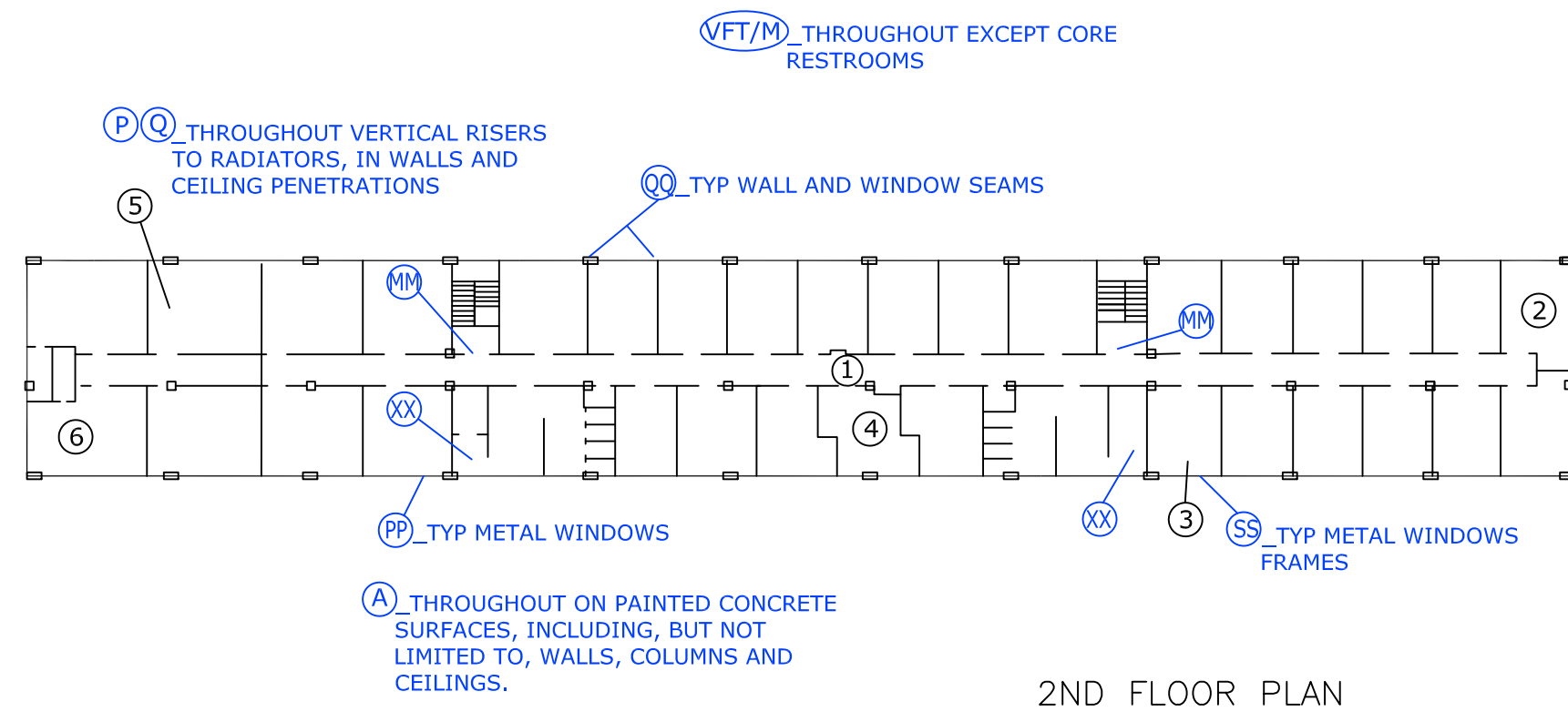
FIGURE

HH4444

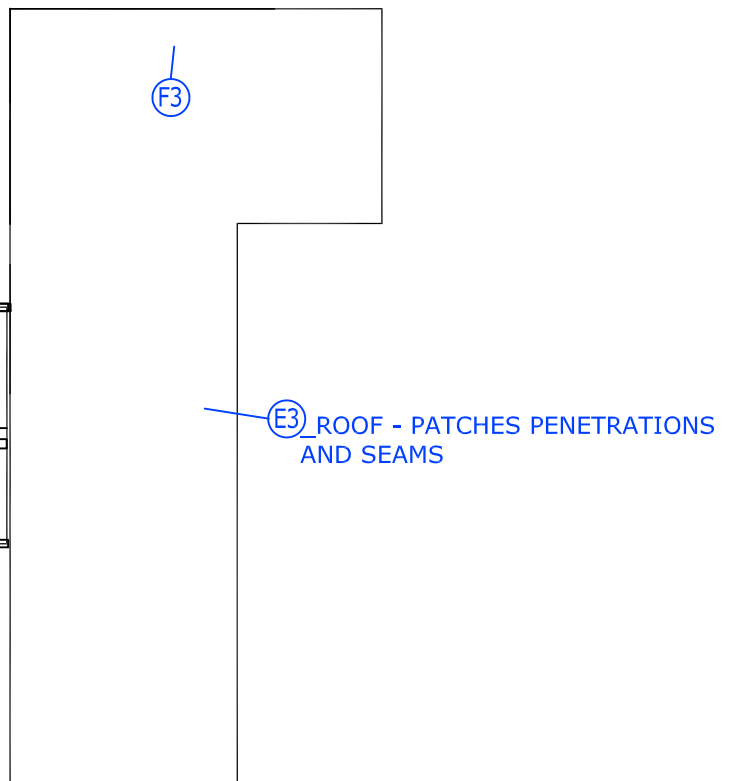


3RD FLOOR PLAN

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



2ND FLOOR PLAN



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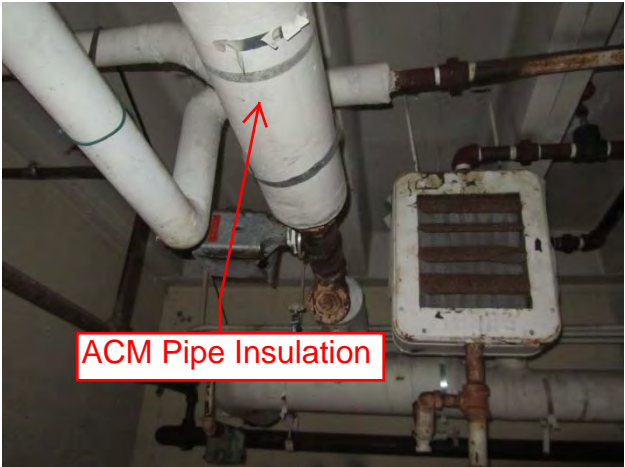
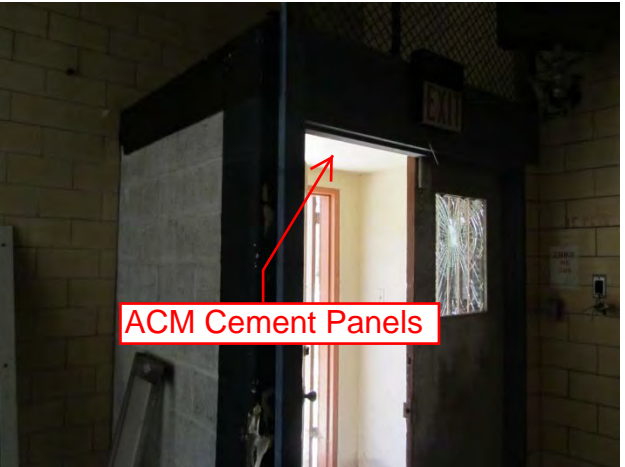
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 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING HH4444
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

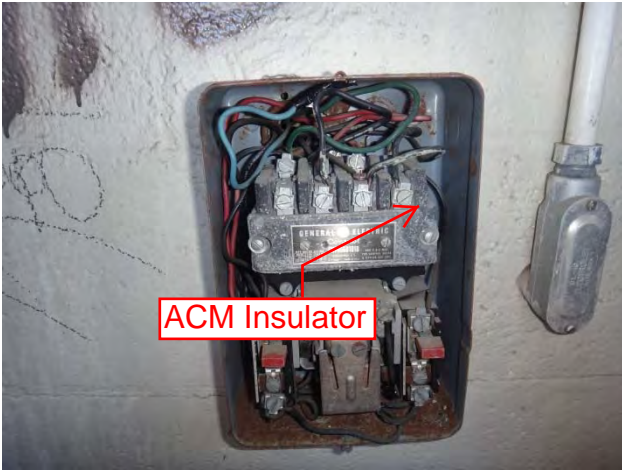
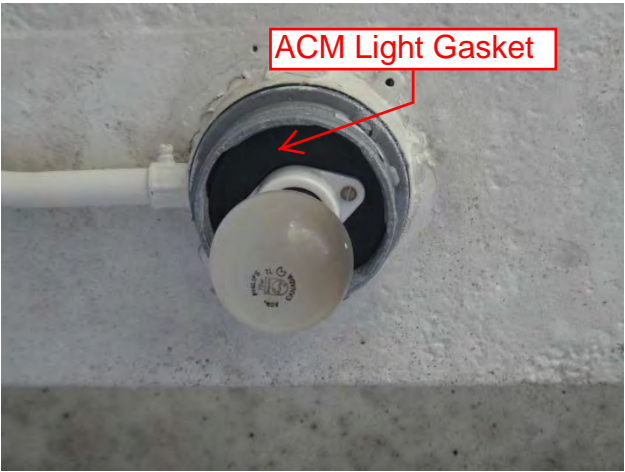
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 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 HH4444

BUILDING HH4444
PHOTO DOCUMENTATION



BUILDING HH4444
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B218522
Date Received: 03/21/16
Date Analyzed: 03/24/16
Date Printed: 03/24/16
First Reported: 03/24/16

Job ID/Site: 161091001 - FORA, HH4444

FALI Job ID: L1161
Total Samples Submitted: 99
Total Samples Analyzed: 99

Date(s) Collected: 03/16/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-A01	11745219						
Layer: White Skimcoat		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-A02	11745220						
Layer: White Skimcoat		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-A03	11745221						
Layer: White Skimcoat		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-A04	11745222						
Layer: White Skimcoat		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-A05	11745223						
Layer: White Skimcoat		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-A06	11745224						
Layer: White Skimcoat		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-A07	11745225						
Layer: White Skimcoat		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-B01	11745226						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-B02	11745227						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-B03	11745228						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-B04	11745229						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-B05	11745230						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-B06	11745231						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-B07	11745232						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-C01	11745233						
Layer: Grey Mortar			ND				
Layer: Light Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-D01	11745234						
Layer: Yellow Ceramic Tile			ND				
Layer: Grey Mortar			ND				
Layer: Light Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-E01	11745235						
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4444-F01	11745236						
Layer: White Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-G01	11745237						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							
HH4444-I01	11745238						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4444-I02	11745239						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4444-J01	11745240						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
HH4444-J02	11745241						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-J03	11745242						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
HH4444-K01	11745243						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-K02	11745244						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-K03	11745245						
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-L01	11745246						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-M01	11745247						
Layer: Black Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4444-N01	11745248						
Layer: Pink Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
HH4444-O01	11745249						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-P01	11745250						
Layer: White Semi-Fibrous Material		Amosite	10 %	Chrysotile	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4444-Q01	11745251						
Layer: White Semi-Fibrous Material		Amosite	10 %	Chrysotile	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
HH4444-R01	11745252						
Layer: Tan Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-R02	11745253						
Layer: Tan Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-S01	11745254						
Layer: Green Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-S02	11745255						
Layer: Green Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-T01	11745256						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (99 %)					
HH4444-T02	11745257						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (99 %)					
HH4444-V01	11745258						
Layer: Silver Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (15 %)					

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-V02	11745259						
Layer: Silver Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (15 %)						
HH4444-W01	11745260						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-W02	11745261						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-Y01	11745262						
Layer: Tan Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-Y02	11745263						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4444-AA01	11745264						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-BB01	11745265						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-CC01	11745266						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-CC02	11745267						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-CC03	11745268						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-CC04	11745269						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-CC05	11745270						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-CC06	11745271						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-CC07	11745272						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-DD01	11745273						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (99 %)						

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-EE01	11745274						
Layer: Blue Ceramic Tile			ND				
Layer: Grey Grout			ND				
Layer: Grey Mortar			ND				
Layer: Black Semi-Fibrous Tar			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-FF01	11745275						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (99 %)							
HH4444-GG01	11745276						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (99 %)							
HH4444-JJ01	11745277						
Layer: Light Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-JJ02	11745278						
Layer: Light Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-JJ03	11745279						
Layer: Light Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-KK01	11745280						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4444-LL01	11745281						
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-LL02	11745282						
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4444-MM01	11745283						
Layer: Grey Fibrous Material		Chrysotile	70 %				
Total Composite Values of Fibrous Components:		Asbestos (70%)					
Cellulose (25 %)							
HH4444-NN01	11745284						
Layer: Orange Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (99 %)							
HH4444-PP01	11745285						
Layer: Yellow Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-PP02	11745286						
Layer: Yellow Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-PP03	11745287						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-QQ01	11745288						
Layer: Black Fibrous Material			ND				
Layer: Brown Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (75 %)							
HH4444-QQ02	11745289						
Layer: Black Fibrous Material			ND				
Layer: Brown Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (75 %)							
HH4444-RR01	11745290						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-SS01	11745291						
Layer: Brown Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4444-SS02	11745292						
Layer: Brown Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4444-TT01	11745293						
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-TT02	11745294						
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-UU01	11745295						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-UU02	11745296						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-VV01	11745297						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-VV02	11745298						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-WW01	11745299						
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-XX01	11745300						
Layer: Black Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							
HH4444-YY01	11745301						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4444-ZZ01	11745302						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4444-A301	11745303						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4444-B301	11745304						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4444-B302	11745305						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218522

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-C301	11745306						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4444-C302	11745307						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4444-D301	11745308						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
HH4444-D302	11745309						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

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Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-E301	11745310						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4444-E302	11745311						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
HH4444-F301	11745312						
Layer: Tan Fibrous Material		Chrysotile	50 %				
Total Composite Values of Fibrous Components:		Asbestos (50%)					
Synthetic (45 %)							
HH4444-G301	11745313						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4444-H301	11745314						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4444-I301	11745315						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4444-J301	11745316						
Layer: Blue Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4444-K301	11745317						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Client Name: Vista Environmental Consultants

Report Number: B218522

Date Printed: 03/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
-----------	------------	------------------	---------------------	------------------	---------------------	------------------	---------------------

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008064
Date Received: 03/21/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, HH4444

FALI Job ID: L1161

PLM Report Number: B218522

Total Samples Submitted: 8

Total Samples Analyzed: 8

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4444-A01	11745219	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4444-A02	11745220	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4444-A03	11745221	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		3
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008064
Date Received: 03/21/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, HH4444

FALI Job ID: L1161

PLM Report Number: B218522

Total Samples Submitted: 8
Total Samples Analyzed: 8

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

HH4444-A04	11745222	White Skimcoat
-------------------	----------	-----------------------

Point Count Results:

Number of asbestos points counted:	2
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4444-A05	11745223	White Skimcoat
-------------------	----------	-----------------------

Point Count Results:

Number of asbestos points counted:	1
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4444-A06	11745224	White Skimcoat
-------------------	----------	-----------------------

Point Count Results:

Number of asbestos points counted:	2
Number of non-empty points:	400
Layer percentage of entire sample:	90
Percent asbestos in layer:	< 1

Asbestos type(s) detected: Chrysotile

Comment:



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008064
Date Received: 03/21/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, HH4444

FALI Job ID: L1161

PLM Report Number: B218522

Total Samples Submitted: 8
Total Samples Analyzed: 8

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4444-A07	11745225	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4444-J02	11745241	Composite of ALL Layers
White Drywall		
Off-White Joint Compound		
Paint		
<i>Point Count Results:</i>		
Number of asbestos points counted:		0
Number of non-empty points:		400
Layer percentage of entire sample:		100
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment: Asbestos was detected but no points were counted due to counting criteria. Therefore quantitation deemed to be < 1%.		

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N008064
Date Received: 03/21/16
Date Analyzed: 04/04/16
Date Printed: 04/04/16

Job ID/Site: 161091001 - FORA, HH4444

FALI Job ID: L1161

PLM Report Number: B218522

Total Samples Submitted: 8

Total Samples Analyzed: 8

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	A	01	PAINT/SKIM COAT	WHITE/WHITE,	CONCRETE	
HH4444	A	02				
HH4444	A	03				
HH4444	A	04				
HH4444	A	05				
HH4444	A	06				
HH4444	A	07				
HH4444	B	01	PAINT/SKIM COAT	WHITE/WHITE,	CMU	
HH4444	B	02				
HH4444	B	03				

ANALYTICAL METHOD: PLM ~~400PT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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LUIS JAVIER ROCHA
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S. Hollister
PRINTED NAME

PRINTED NAME

03/17/16
DATE/TIME RECEIVED

MAR 21 2016
DATE/TIME

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	B	04				
HH4444	B	05				
HH4444	B	06				
HH4444	B	07				
HH4444	C	01	MORTAR/GROUT	GRAY/GRAY, QUARRY FLOOR		
HH4444	D	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC WALL		
HH4444	E	01	VPT/MAS	9" BLACK/BLACK		
HH4444	F	01	MORTAR/GROUT	WHITE/GRAY 2" CERAMIC FLOOR		
HH4444	G	01	VAPOR BARRIER	BLACK, CERAMIC FLOOR		
HH4444	I	01	ACP	2'x4' WHITE, GULVE PINHOLE		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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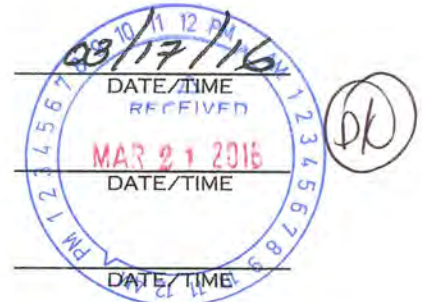
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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	I	02	↓	↓		
HH4444	J	01	WB / JC	WHITE / WHITE		
HH4444	J	02	↓	↓		
HH4444	J	03	↓	↓		
HH4444	K	01	TEXTURE COAT	WHITE / SMALL		
HH4444	K	02	↓	↓		
HH4444	K	03	↓	↓		
HH4444	L	01	BASECOAT / MAS	4" BROWN / BROWN		
HH4444	M	01	VFT / MAS	12" BLACK / BLACK		
HH4444	N	01	WALLBOARD	WHITE, CEILING		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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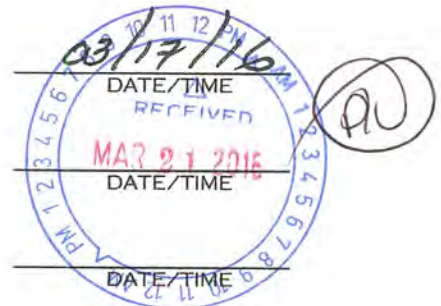
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	D	01	CEMENT PANEL	GRAY, WALL		
HH4444	P	01	TSI	4"-6" OD, PIPES		
HH4444	Q	01	TSI	4"-6" OD, VALVES		
HH4444	R	01	VFT/MAS	12" OFF-WHITE/BLACK		
HH4444	R	02	↓	↓		
HH4444	S	01	VFT/MAS	9" GREEN/BLACK		
HH4444	S	02	↓	↓		
HH4444	T	01	ACP	2X4' WHITE, HORIZ. FISSURE DIRT HOLE		
HH4444	T	02	↓	↓		
HH4444	V	01	UNKETING	WHITE & YELLOW, PIPES FIBERGLASS		

ANALYTICAL METHOD: PLM ~~4567~~ 4567 ~~COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	V	02	↓	↓		
HH4444	W	01	BISICONE/MAS	1" BEIGE/BROWN		
HH4444	W	02	↓	↓		
HH4444	Y	01	VFT/MAS	9" TAN/BLACK		
HH4444	Y	02	↓	↓		
HH4444	AA	01	MORTAR/GROUT	WHITE/WHITE, CERAMIC WALL		
HH4444	BB	01	VAPOR BARRIER	BLACK, WALL		
HH4444	CC	01	PAINT/GRU/MORTAR	WHITE/GRAY/GRAY, WALLS		
HH4444	CC	02				
HH4444	CC	03				

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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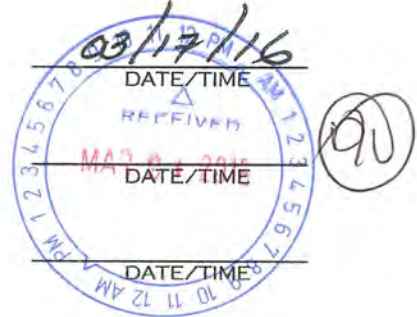
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	CC	04				
HH4444	CC	05				
HH4444	CC	06				
HH4444	CC	07				
HH4444	DD	01	ACP	2'x4' WHITE, LATERAL FISSURE FIBERGLASS		
HH4444	EE	01	MORTAR/GROUT/ VAPOR BARRIER	GRAY/GRAY/DARK, FLOOR		
HH4444	FF	01	ACP	2'x4' WHITE, SOLID FIBERGLASS		
HH4444	GG	01	ACP	2'x4' WHITE, GOUGE FIBERGLASS		
HH4444	JJ	01	PAINT/ CONCRETE	WHITE/GRAY, BASEMENT		
HH4444	JJ	02				

ANALYTICAL METHOD: PLM ~~400 PF COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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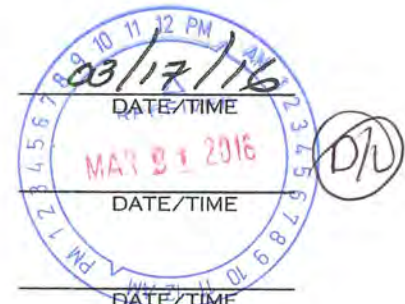
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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	VJ	03	↓	↓		
HH4444	KK	01	INSULATION	BLACK, WIRE		
HH4444	LL	01	JACKETING	WHITE, TANK		
HH4444	LL	02	↓	↓		
HH4444	MM	01	INSULATION	WHITE, FIRE DOOR		
HH4444	NN	01	ACT	12" WHITE, UNIFORM HOLE		
HH4444	PP	01	PUTTY	WHITE, WINDOW		
HH4444	PP	02	↓	↓		
HH4444	PP	03	↓	↓		
HH4444	QQ	01	SEALANT/EXPANSION JOINT	TAN/BROWN, SLABS		

ANALYTICAL METHOD: PLM ~~400 PF COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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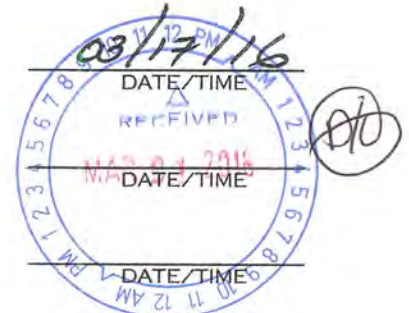
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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	QQ	02	↓	↓		
HH4444	RR	01	COATING	GRAY, EXTERIOR		
HH4444	SS	01	SEALANT	TAN, WINDOW FRAMES		
HH4444	SS	02	↓	↓		
HH4444	TT	01	PAINT	WHITE, EXTERIOR		
HH4444	TT	02	↓	↓		
HH4444	UU	01	CONCRETE	GRAY, STRUCTURAL		
HH4444	UU	02	↓	↓		
HH4444	VV	01	PAINT/CMU/GROUT	WHITE/GRAY/GRAN, EXTERIOR		
HH4444	VV	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PFC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

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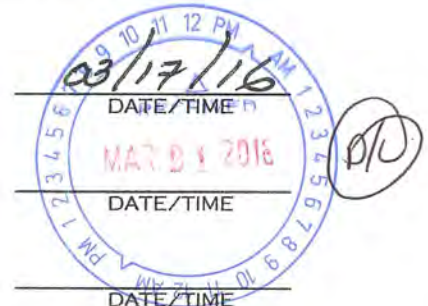
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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	WW	01	SEALANT	BLACK, WINDOW FRAME		
HH4444	XX	01	GASKET	BLACK, LIGHT		
HH4444	YY	01	INSULATION	WHITE, WIRE		
HH4444	ZZ	01	INSULATOR	BLACK, ELECT. BOX		
HH4444	A3	01	INSULATION PAPER	BLACK, ELECT. BOX		
HH4444	B3	01	ROOFING	BLACK & BLACK, T & G		
HH4444	B3	02	↓	↓		
HH4444	C3	01	PARANET/BASE	GRAY/BLACK, BUILT-UP		
HH4444	C3	02	↓	↓		
HH4444	D3	01	FLASHING	BLACK, T & G		

ANALYTICAL METHOD: PLM ~~400 PFC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/16/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	D3	02	↓	↓		
HH4444	E3	01	MASTIC	GRAY & BLACK,	ROOF	
HH4444	E3	02	↓	↓		
HH4444	F3	01	FLEX CONNECTOR	WHITE, HVAC	ROOF	
HH4444	G3	01	INSULATION	BROWN, FIRE	DOOR	
HH4444	H3	01	VAPOR BARRIER	BLACK, FOUNDATION		
HH4444	I3	01	ACP	2'x4' WHITE, RANDOM PINHOLE		
HH4444	J3	01	VFT/MAS	9" BLUE/BLACK		
HH4444	K3	01	PANEL	BROWN, DOOR		
(99 SAMPLES)						

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

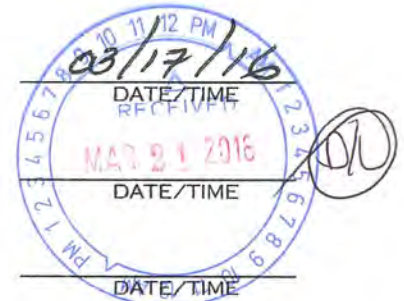
LUIS JAVIER ROCHA
PRINTED NAME

2. [Signature]
TRANSFER SIGNATURE

S. Hollister
PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B219004
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4444

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 03/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4444-L3-01	11749088						
Layer: Green/Red Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %)							
HH4444-M3-01	11749089						
Layer: Tan Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: HH 4444

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4444	L3	01	GASKET	GREEN, TANK VALVES		
HH4444	M3	01	GLAZING	TAN, WINDOW	INTERIOR	
<i>2 SAMPLES</i>						



ANALYTICAL METHOD: PLM 450 PFC COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. *[Signature]*
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/29/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

**FORA
HH4444
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					2.96	cps
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
9	HH 4444	1	OUTSIDE	NORTH	DOCK	CONCRETE	BEIGE	DETERIORATED	Negative	0.04	mg/cm ²
10	HH 4444	1	OUTSIDE	NORTH	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.28	mg/cm ²
11	HH 4444	1	OUTSIDE	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
12	HH 4444	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.24	mg/cm ²
13	HH 4444	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
14	HH 4444	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	2	mg/cm ²
15	HH 4444	1	OUTSIDE	NORTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Negative	0	mg/cm ²
16	HH 4444	1	OUTSIDE	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
17	HH 4444	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
18	HH 4444	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Positive	1.3	mg/cm ²
19	HH 4444	1	OUTSIDE	WEST	PIPE	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
20	HH 4444	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Positive	4	mg/cm ²
21	HH 4444	1	OUTSIDE	NORTH	WALL	WOOD	BEIGE	DETERIORATED	Negative	0	mg/cm ²
22	HH 4444	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0	mg/cm ²
23	HH 4444	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
24	HH 4444	1	OUTSIDE	NORTH	WINDOW SILL	WOOD	BROWN	DETERIORATED	Negative	0.17	mg/cm ²
25	HH 4444	1	OUTSIDE	NORTH	WINDOW	METAL	BROWN	DETERIORATED	Positive	1.5	mg/cm ²
26	HH 4444	1	OUTSIDE	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
27	HH 4444	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
28	HH 4444	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
29	HH 4444	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.04	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4444
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
30	HH 4444	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	2.1	mg/cm ²
42	HH 4444	1	1	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
43	HH 4444	1	1	NORTH	WINDOW	METAL	BLUE	INTACT	Positive	2.8	mg/cm ²
44	HH 4444	1	1	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
45	HH 4444	1	1		HOOD	METAL	BLUE	DETERIORATED	Negative	0.22	mg/cm ²
46	HH 4444	1	1		FLOOR	CONCRETE	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
47	HH 4444	1	1		BEAM	CONCRETE	GREEN, LIGHT	INTACT	Negative	0.08	mg/cm ²
48	HH 4444	1	2	SOUTH	DOOR	WOOD	BROWN	DETERIORATED	Positive	3.5	mg/cm ²
49	HH 4444	1	2	WEST	DOOR FRAME	METAL	BLUE	DETERIORATED	Negative	0.4	mg/cm ²
50	HH 4444	1	2	EAST	STAIRS	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
51	HH 4444	1	2	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
52	HH 4444	1	3	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
53	HH 4444	1	3	SOUTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.2	mg/cm ²
54	HH 4444	1	3	NORTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
55	HH 4444	1	4	WEST	WINDOW FRAME	METAL	BROWN	INTACT	Positive	4.6	mg/cm ²
56	HH 4444	1	4	WEST	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.7	mg/cm ²
57	HH 4444	1	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
58	HH 4444	1	4	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
59	HH 4444	1	4	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
60	HH 4444	1	4	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
61	HH 4444	1	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
62	HH 4444	1	5	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
63	HH 4444	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
64	HH 4444	1	5		CEILING	DRYWALL	WHITE	INTACT	Negative	0.06	mg/cm ²
65	HH 4444	1	6		CEILING	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²

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**FORA
HH4444
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
66	HH 4444	1	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
67	HH 4444	1	6	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
68	HH 4444	1	6	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
69	HH 4444	1	6	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
70	HH 4444	1	6	SOUTH	WINDOW	METAL	WHITE	INTACT	Positive	3.1	mg/cm ²
71	HH 4444	1	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
72	HH 4444	1	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.2	mg/cm ²
73	HH 4444	1	7	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
74	HH 4444	1	7	EAST	BASEBOARD	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
75	HH 4444	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
76	HH 4444	1	7	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
77	HH 4444	1	7	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
78	HH 4444	1	7	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	1.6	mg/cm ²
79	HH 4444	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
80	HH 4444	1	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.2	mg/cm ²
81	HH 4444	1	8	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
82	HH 4444	1	8	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.1	mg/cm ²
83	HH 4444	1	8	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
84	HH 4444	1	8	NORTH	WALL	CERAMIC	WHITE	INTACT	Positive	6.9	mg/cm ²
85	HH 4444	1	8		FLOOR	CERAMIC	BLUE	INTACT	Negative	0.01	mg/cm ²
86	HH 4444	1	9		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
87	HH 4444	1	9	WEST	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
88	HH 4444	1	9	EAST	WALL	CERAMIC	WHITE	INTACT	Negative	0.03	mg/cm ²
89	HH 4444	1	9		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.5	mg/cm ²
90	HH 4444	1	STAIRWELL W		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4444
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
91	HH 4444	1	STAIRWELL W	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.22	mg/cm ²
92	HH 4444	1	STAIRWELL W	SOUTH	DOOR	WOOD	YELLOW	DETERIORATED	Negative	0.02	mg/cm ²
93	HH 4444	1	STAIRWELL W		HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
94	HH 4444	1	STAIRWELL W		STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.5	mg/cm ²
95	HH 4444	1	10	NORTH	WALL	CONCRETE	BLUE, LIGHT	DETERIORATED	Negative	0	mg/cm ²
96	HH 4444	1	10	NORTH	WINDOW SILL	CONCRETE	BLUE, LIGHT	DETERIORATED	Negative	0.3	mg/cm ²
97	HH 4444	1	10	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.28	mg/cm ²
98	HH 4444	BASEMENT	1	WEST	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.6	mg/cm ²
99	HH 4444	BASEMENT	1	WEST	DOOR	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
100	HH 4444	BASEMENT	1	WEST	HATCH	WOOD	BROWN	INTACT	Negative	0.9	mg/cm ²
101	HH 4444	BASEMENT	1	WEST	SHELF	METAL	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
102	HH 4444	BASEMENT	1	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
103	HH 4444	BASEMENT	2	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
104	HH 4444	BASEMENT	2	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
105	HH 4444	BASEMENT	2	WEST	DOOR FRAME	DRYWALL	BROWN	INTACT	Negative	0.11	mg/cm ²
106	HH 4444	BASEMENT	2	WEST	DOOR	METAL	BROWN	INTACT	Negative	0.15	mg/cm ²
107	HH 4444	BASEMENT	STAIRWELL E	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.22	mg/cm ²
108	HH 4444	BASEMENT	STAIRWELL E		STAIRS	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
109	HH 4444	BASEMENT	3	NORTH	DOOR	METAL	ORANGE	INTACT	Positive	15.2	mg/cm ²
110	HH 4444	BASEMENT	3	NORTH	DOOR FRAME	METAL	ORANGE	INTACT	Positive	6	mg/cm ²
111	HH 4444	BASEMENT	3	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
112	HH 4444	BASEMENT	3	WEST	DOOR	METAL	BROWN	INTACT	Negative	0.7	mg/cm ²
113	HH 4444	2	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
114	HH 4444	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
115	HH 4444	2	1	NORTH	PIPE	METAL	RED	INTACT	Negative	0.21	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4444
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
116	HH 4444	2	1	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
117	HH 4444	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
118	HH 4444	2	2	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.7	mg/cm ²
119	HH 4444	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.24	mg/cm ²
120	HH 4444	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.2	mg/cm ²
121	HH 4444	2	3	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
122	HH 4444	2	3	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.7	mg/cm ²
123	HH 4444	2	4	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.16	mg/cm ²
124	HH 4444	2	4	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
125	HH 4444	2	4	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
126	HH 4444	2	4	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
127	HH 4444	2	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
128	HH 4444	2	5	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
129	HH 4444	2	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
130	HH 4444	2	6	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
131	HH 4444	3	1	NORTH	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.24	mg/cm ²
132	HH 4444	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
133	HH 4444	3	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
134	HH 4444	3	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
135	HH 4444	3	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
136	HH 4444	3	1	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.22	mg/cm ²
137	HH 4444	3	STAIRWELL E	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.12	mg/cm ²
138	HH 4444	3	STAIRWELL E	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.15	mg/cm ²
139	HH 4444	3	STAIRWELL E	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
140	HH 4444	3	STAIRWELL E	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.09	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4444
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
141	HH 4444	3	STAIRWELL E	EAST	LADDER	METAL	WHITE	DETERIORATED	Positive	11.1	mg/cm ²
235					CALIBRATE				Positive	1	mg/cm ²
236					CALIBRATE				Positive	1	mg/cm ²
238					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

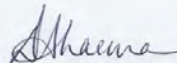
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71491-1
Client Project/Site: Building HH4444

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:04:18 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Job ID: 720-71491-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71491-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4444-PCBB01 (720-71491-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: HH4444-PCBB01 (720-71491-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Client Sample ID: HH4444-PCBB01

Lab Sample ID: 720-71491-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	420000000		300000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Client Sample ID: HH4444-PCBB01

Lab Sample ID: 720-71491-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	420000000		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:46	20000
PCB-1221	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:46	20000
PCB-1232	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:46	20000
PCB-1242	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:46	20000
PCB-1248	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:46	20000
PCB-1254	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:46	20000
PCB-1260	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:46	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/23/16 13:16	04/25/16 17:46	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/23/16 13:16	04/25/16 17:46	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71491-1	HH4444-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71491-1	HH4444-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71491-1	HH4444-PCBB01	Total/NA	Solid	8082	201032
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Client Sample ID: HH4444-PCBB01

Lab Sample ID: 720-71491-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 17:46	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
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- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
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- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71491-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71491-1	HH4444-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71491-1

Login Number: 71491

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

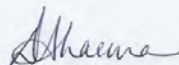
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71508-1
Client Project/Site: Building HH4444

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 3:50:30 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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results through
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1
2
3
4
5
6
7
8
9
10
11
12
13
14



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Detection Summary	4
Client Sample Results	5
Surrogate Summary	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Client Sample ID: HH4444-PCBC01

Lab Sample ID: 720-71508-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	310		49		ug/Kg	1		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Client Sample ID: HH4444-PCBC01

Lab Sample ID: 720-71508-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:17	1
PCB-1221	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:17	1
PCB-1232	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:17	1
PCB-1242	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:17	1
PCB-1248	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:17	1
PCB-1254	ND		49		ug/Kg		04/18/16 09:59	04/19/16 02:17	1
PCB-1260	310		49		ug/Kg		04/18/16 09:59	04/19/16 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		45 - 132	04/18/16 09:59	04/19/16 02:17	1
DCB Decachlorobiphenyl	60		42 - 146	04/18/16 09:59	04/19/16 02:17	1

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71508-1	HH4444-PCBC01	74	60
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

GC Semi VOA

Analysis Batch: 200669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71508-1	HH4444-PCBC01	Total/NA	Solid	8082	200673

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71508-1	HH4444-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Client Sample ID: HH4444-PCBC01

Lab Sample ID: 720-71508-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 09:59	KMK	TAL PLS
Total/NA	Analysis	8082		1	200669	04/19/16 02:17	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 2
- 3
- 4
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- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4444

TestAmerica Job ID: 720-71508-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71508-1	HH4444-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71508-1

Login Number: 71508

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	90	mg/kg	20	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
		Zn	130	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

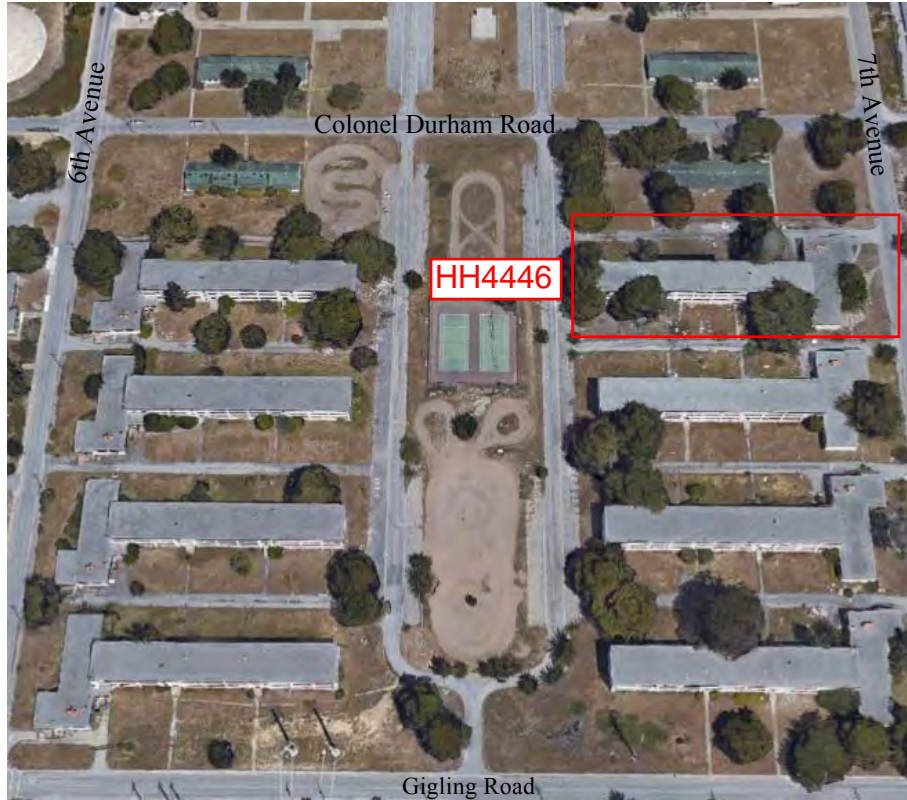
* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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BUILDING HH4446



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING HH4446

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
A	Paint/Skim Coat	White/White, Concrete	Throughout on Painted Formed Concrete Surfaces Including, but Not Limited to Walls, Columns and Ceilings. This material is behind newer CMU walls where they intersect with the concrete. This Material is not behind the Original Large Yellow Ceramic Wall Tiles. This Material is Damaged in Some Areas, Especially the 3rd Floor.	Unclassified (ACCM)	NA (Layer <1% by Point Count)	89,000 SF
VFT/M (E, M, R, S, Y, Z, HH, II, OO)	Vinyl Floor Tile/Mastic	9" Black, Green, White, Brown, Blue and 12" Light Brown, Off-White, Beige, White/Black	Throughout Except Restrooms, Kitchen, Mechanical Rooms, Main Entrance Foyer, Basement Armories and Storage. This material is under newer CMU walls and under ceramic tiles located in bedrooms. Bags of Tile Debris were Identified outside the Main Entrance.	Class II	Category I - Non-Friable	30,150 SF
O	Cement Panel	Gray	Kitchen Entrance from Loading Dock and Main Entrance Foyer to Handle and Head.	Class II	Category II- Non-Friable	420 SF

BUILDING HH4446

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TSI (P & Q)	Thermal System Insulation	4"-6" OD Pipe and Fittings	Basement Storage Areas, Mechanical Rooms and Crawlspace. Debris is Throughout the Crawlspace Soil to an Estimated Depth of 4". Vertical Risers to Radiators on 1st to 3rd Floors. Some insulation has been replaced with fiberglass, however residual material may still remain under replacement insulation and in wall and ceiling penetrations. This material is under metal jacketing in some areas.	Class I	Friable (RACM when Removed)	1,570 LF (3,319 CF/123 CY of Contaminated Soil)
U	Sealant	Brown, Pipe	1st Floor Corridor Above Drop Ceiling - Pipe Penetrations through Walls	Class II	Category I - Non-Friable	10 SF
MM	Insulation	White, Fire Door	Stairwells, Basement and Boiler Room Entrance	Unclassified (ACCM)	Friable (RACM when Removed)	378 SF (18 Doors)
PP	Window Putty	White	Windows Except Restrooms	Class II	Category II-Non-Friable	8,200 SF (99 Windows)
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	Throughout, Perimeter Wall Seams and Window Sill Seams	Class II	Category I - Non-Friable	100 SF (1,200 LF)
SS	Sealant	Tan, Window Frames	Throughout, Metal Windows	Class II	Category I - Non-Friable	305 SF (3,660 LF)
ZZ	Insulator	Black, Electrical Box	Head, Kitchen Entrance Electrical Box. May be inside additional electrical boxes.	Class II	Category II-Non-Friable	5 SF
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	All Roofs - Patches, Penetrations and Seams	Class II	Category I - Non-Friable	70 SF

BUILDING HH4446 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
F3	Flex Connector	White, HVAC	Head Roof on HVAC	Class I	Friable (RACM when Removed)	5 SF
I3	Gasket	White, Round Tank	Basement Mechanical Room	Class II	Category I - Non-Friable	8 SF (2 Each)
J3	Glazing	Tan, Window, Interior	Kitchen Office Window	Class II	Category II - Non-Friable	100 SF (Windows)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
539	1	Outside	North	Door Frame	Metal	Brown	Deteriorated	1.9	mg/cm ²
546	1	Outside	East	Window	Metal	Brown	Intact	1.9	mg/cm ²
549	1	Outside	South	Window	Metal	Brown	Intact	1.3	mg/cm ²
555	1	Outside	North	Stairs	Concrete	Brown	Deteriorated	1.8	mg/cm ²
557	1	Outside	North	Door	Wood	Brown	Intact	1.5	mg/cm ²
560	1	Outside	West	Window	Wood	Brown	Intact	1.3	mg/cm ²
562	Basement	Outside	North	Door Frame	Metal	Brown	Intact	2.2	mg/cm ²
563	Basement	Outside	West	Louver	Metal	Beige	Deteriorated	2.5	mg/cm ²
564	Basement	1	North	Door	Metal	Red	Intact	13.4	mg/cm ²
565	Basement	1	North	Door Frame	Metal	Red	Intact	7.7	mg/cm ²
570	Basement	2	West	Counter	Metal	Brown	Intact	2.3	mg/cm ²
571	Basement	2	West	Door Frame	Metal	Brown	Intact	1.1	mg/cm ²
572	Basement	2	South	Door	Metal	Brown	Intact	2.5	mg/cm ²
590	1	2	West	Pipe	Metal	White	Intact	1.1	mg/cm ²
591	1	2	West	Door Frame	Metal	Brown	Intact	1.1	mg/cm ²
594	1	2	East	Radiator	Metal	Brown	Intact	1	mg/cm ²
595	1	2	East	Window	Metal	Brown	Deteriorated	2.1	mg/cm ²
596	1	3	South	Window	Metal	Beige	Deteriorated	2.9	mg/cm ²
601	1	3	North	Window Frame	Wood	Beige	Deteriorated	1.8	mg/cm ²

BUILDING HH4446 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
603	1	3	North	Door Frame	Metal	Brown	Deteriorated	1.4	mg/cm ²
606	1	4	South	Wall	Concrete	White	Intact	1.7	mg/cm ²
607	1	4	South	Window Sill	Concrete	White	Intact	1.1	mg/cm ²
608	1	4	South	Window Frame	Metal	White	Deteriorated	3.3	mg/cm ²
621	1	6	North	Wall	Ceramic	White	Intact	6.5	mg/cm ²
642	2	1	North	Column	Concrete	Brown	Intact	1.9	mg/cm ²
644	2	2	West	Wall	Concrete	White	Intact	2.7	mg/cm ²
645	2	3	West	Wall	Concrete	White	Intact	1.7	mg/cm ²
646	2	4	West	Wall	Concrete	Blue, Light	Intact	2.5	mg/cm ²
654	3	Stairwell E	South	Door	Metal	White	Intact	1.7	mg/cm ²
655	3	Stairwell E	South	Door Frame	Metal	White	Intact	1	mg/cm ²
656	3	Stairwell E	East	Ladder	Metal	White	Deteriorated	11.9	mg/cm ²
663	1	4	East	Wall	Concrete	Brown	Intact	1.3	mg/cm ²
664	1	4	West	Column	Concrete	Brown	Intact	1.8	mg/cm ²
665	1	4	West	Shelf	Wood	Brown	Intact	3.6	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING HH4446

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cd	Cr	Co	Cu	Hg	Ni	Pb	Sb	V	Zn	Units
HH-T22-01 Interior Paint (TTLC)	9900	10	140	93	9	20	20	4600	250	NA	16000	mg/kg
(STLC)								210				mg/l
(TCLP)								13				mg/l
HH-T22-02 Exterior Paint (TTLC)	8000	NA	400	130	22	15	NA	4000	NA	NA	6100	mg/kg
(STLC)								37				mg/l
(TCLP)								1.2				mg/l
HH-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	50	NA	3	NA	7	NA	NA	230	NA	6	90	mg/kg
(STLC)								0.8				mg/l
(TCLP)								<0.3				mg/l
HH-T22-04 Other (TTLC)	90	NA	46	10	19	2	15	130	NA	20	130	mg/kg
(STLC)								5.7				mg/l
(TCLP)								<0.3				mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING HH4446

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Transformers	Polychlorinated Biphenyls	1
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	2
Exterior Refrigerant Canisters	Ozone Depleting Chemicals	1
Fire Suppression System	Chemicals - Halon	3

Note: Animal fecal matter was seen on the 3rd Floor and water damage to ceiling and wall paint was also.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
HH4446-PCBB01	Ballast Capacitor Oil	PCB-1016	580,000	mg/kg
HH4446-PCBC01	Concrete Under Transformer (0"- 0.5")	PCB-1260	0.22	mg/kg
HH4446-PCBO01	Transformer Oil	PCBs	No Detections	mg/kg

Shaded sample results were ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING HH4446

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/White, Concrete Masonry Unit, Original	7
C	Mortar/Grout	Gray/Gray, 4" Brown Quarry Tile	1
D	Mortar/Grout	Gray/Gray, Beige Ceramic Wall Large	1
E	Vinyl Floor Tile/Mastic	9" Black/Black	1
F	Mortar/Grout	White/Gray, Brown 2" Ceramic Floor Tile	1
G	Vapor Barrier	Black, Ceramic Floor	1
H	Insulator Paper	Brown, Electrical Box	1
I	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	2
J	Wallboard/Joint Compound	White/White	2
K	Texture Coat	White, Small	5
L	Basecove/Mastic	4" Brown/Brown	1
M	Vinyl Floor Tile/Mastic	12" Light Brown/Black	1
N	Wallboard	White	1
O	Cement Panel	Gray	1
P	Thermal System Insulation	4"-6" OD Pipe	1
Q	Thermal System Insulation	4"-6" OD Fitting	1
R	Vinyl Floor Tile/Mastic	12" Off-White/Black	2
S	Vinyl Floor Tile/Mastic	9" Green/Black	1
T	Acoustic Ceiling Panel	2'x4' White, Fissure Pinhole	2
U	Sealant	Brown, Pipe	1
V	Jacketing	White, Fiberglass Pipe	2

BUILDING HH4446




ASBESTOS SAMPLING INVENTORY

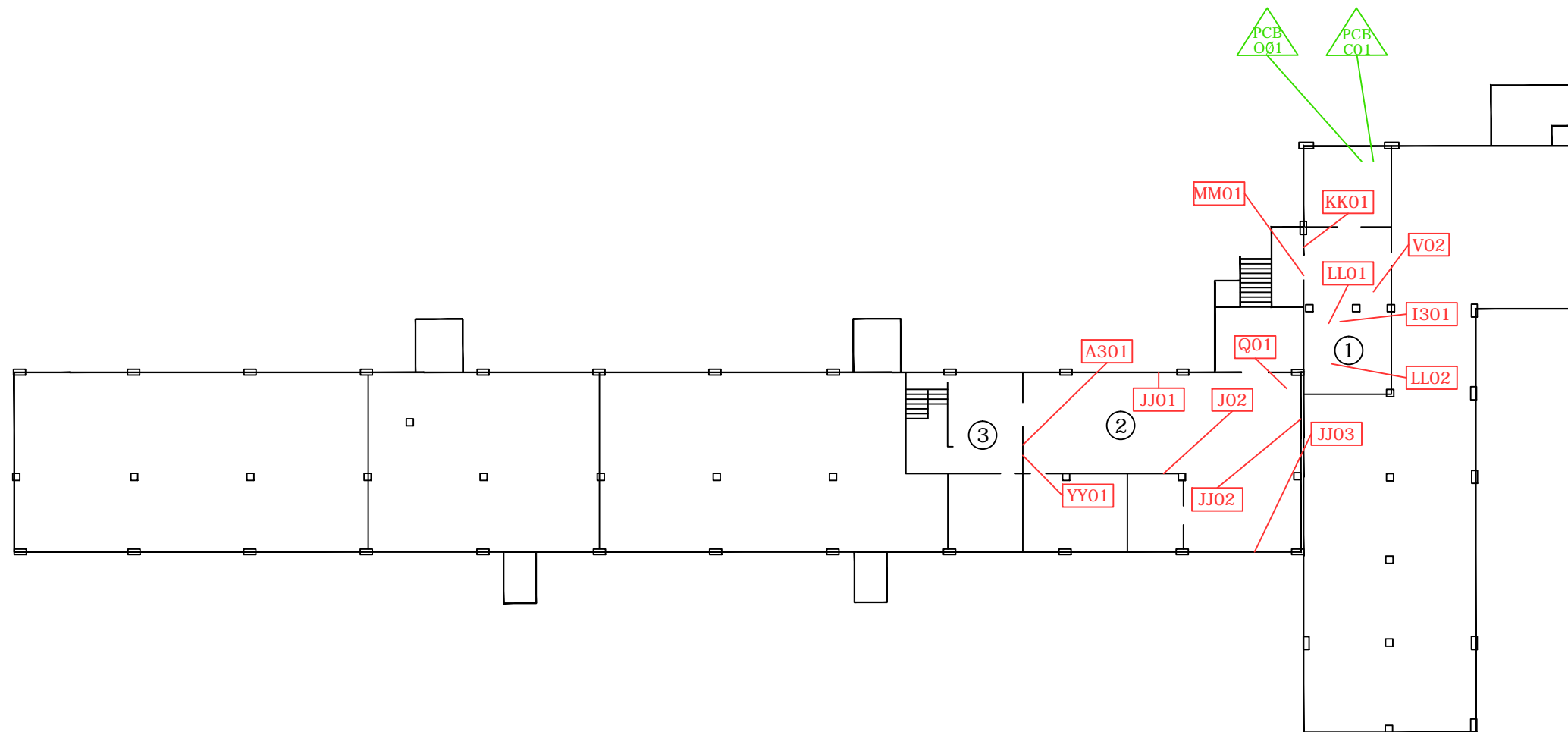
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Basecove/Mastic	4" Beige/Brown	2
X	Basecove/Mastic	4" Black/Brown, Patch	1
Y	Vinyl Floor Tile/Mastic	9" White/Black	1
Z	Vinyl Floor Tile/Mastic	9" Brown/Black, Patch	1
AA	Mortar/Grout	White/White, 3" Ceramic Wall Tile	1
BB	Vapor Barrier	Black, Wall	1
CC	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, New	7
DD	Acoustic Ceiling Panel	2'x4' White, Lateral Fissure	2
EE	Mortar/Grout/Vapor Barrier	Gray/Gray/Black, 1" Ceramic Floor Tile	1
FF	Acoustic Ceiling Panel	2'x2' White, Solid Fiberglass	1
GG	Acoustic Ceiling Panel	2'x4' White, Gouge Fiberglass	1
HH	Vinyl Floor Tile/Mastic	12" Beige/Black	1
II	Vinyl Floor Tile/Mastic	12" White/Black	1
JJ	Paint/Concrete	White/Gray, Basement	3
KK	Insulation	Black, Wire	1
LL	Jacketing	White, Tank	2
MM	Insulation	White, Fire Door	1
NN	Not Used	Not Used	Not Used
OO	Vinyl Floor Tile/Mastic	White/Black, Debris	1
PP	Window Putty	White	3
QQ	Sealant/Expansion Joint	Tan/Brown, Wall & Window Seams	2
RR	Coating	Gray, Light Weight Concrete	1

BUILDING HH4446

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Sealant	Tan, Window Frames	2
TT	Paint	White, Exterior	2
UU	Concrete	Gray, Structural	2
VV	Paint/Concrete Masonry Unit/Grout	White/Gray/Gray	2
WW	Sealant	Black, Window Frame	1
XX	Gasket	Black, Light	1
YY	Insulation	White, Wire	1
ZZ	Insulator	Black, Electrical Box	1
A3	Insulation Paper	Black, Electrical Box	1
B3	Roofing	Black, Tar & Gravel	2
C3	Parapet/Base	Black/Black, Built-Up	2
D3	Flashing	Black, Tar & Gravel	2
E3	Mastic	Gray & Black, Patches, Penetrations & Seams	2
F3	Flex Connector	White, HVAC	1
G3	Insulation	Brown, Fire Door	1
H3	Vapor Barrier	Black, Foundation Subsurface	1
I3	Gasket	White, Tank Valves	1
J3	Glazing	Tan, Window, Interior	1

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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 SEASIDE, CALIFORNIA




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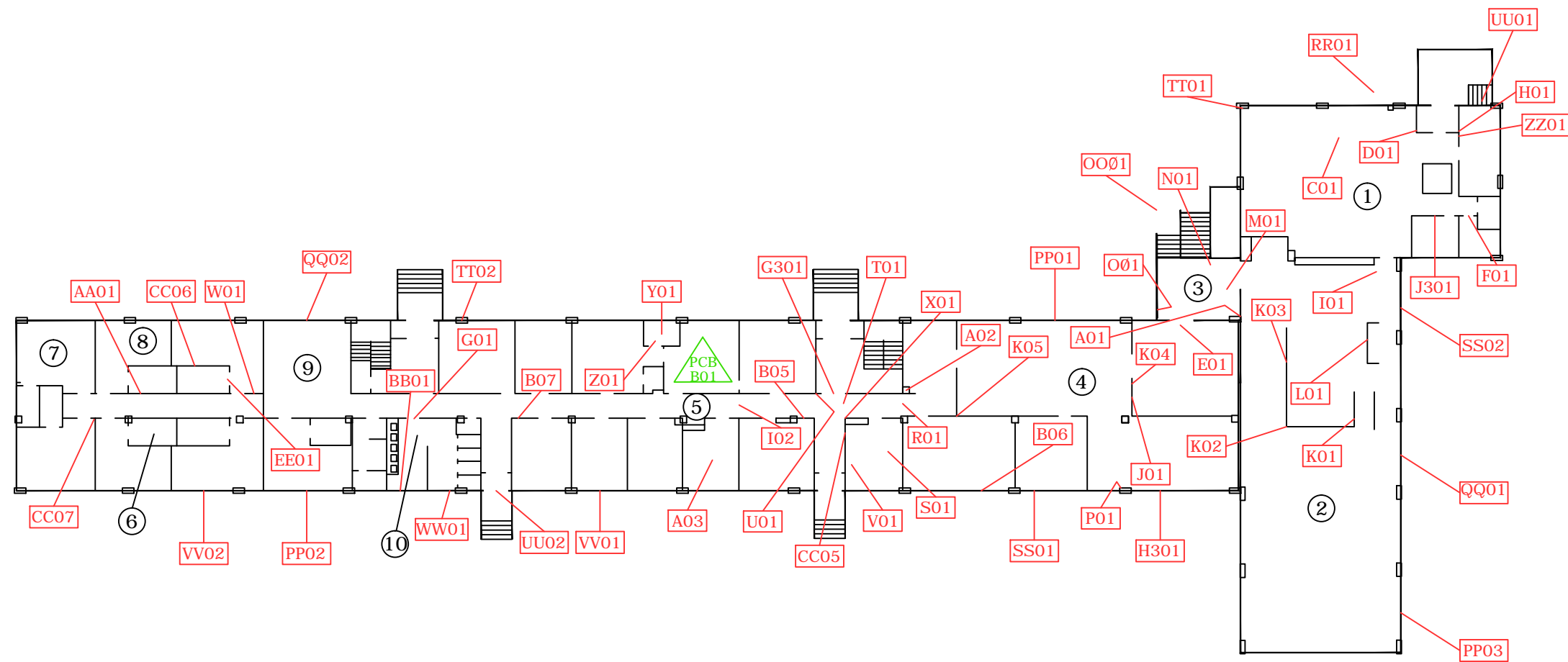
BUILDING HH4446
 SAMPLE LOCATIONS
 BASEMENT

SCALE: 1" = 30'
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

HH4446

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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SHEET TITLE

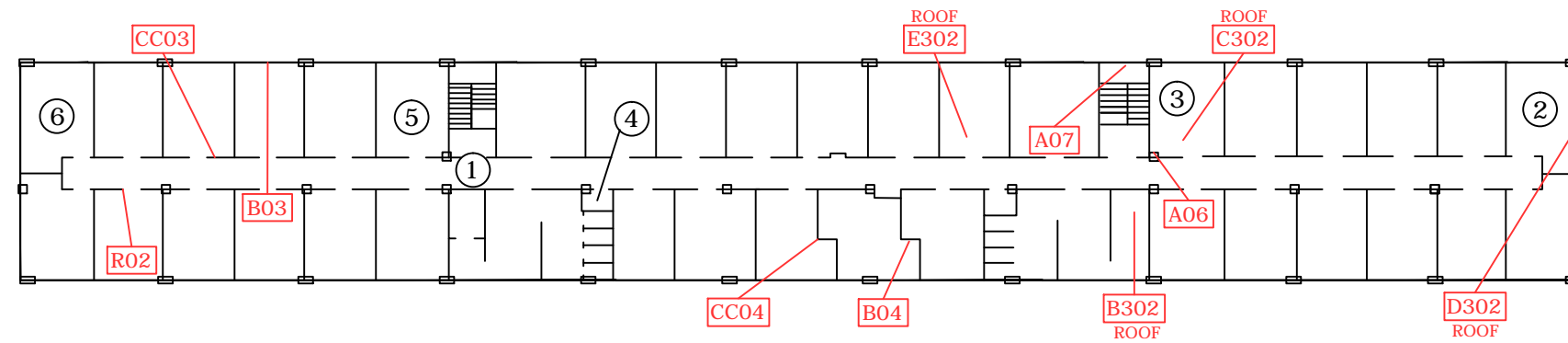
BUILDING HH4446
 SAMPLE LOCATIONS
 FIRST FLOOR

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

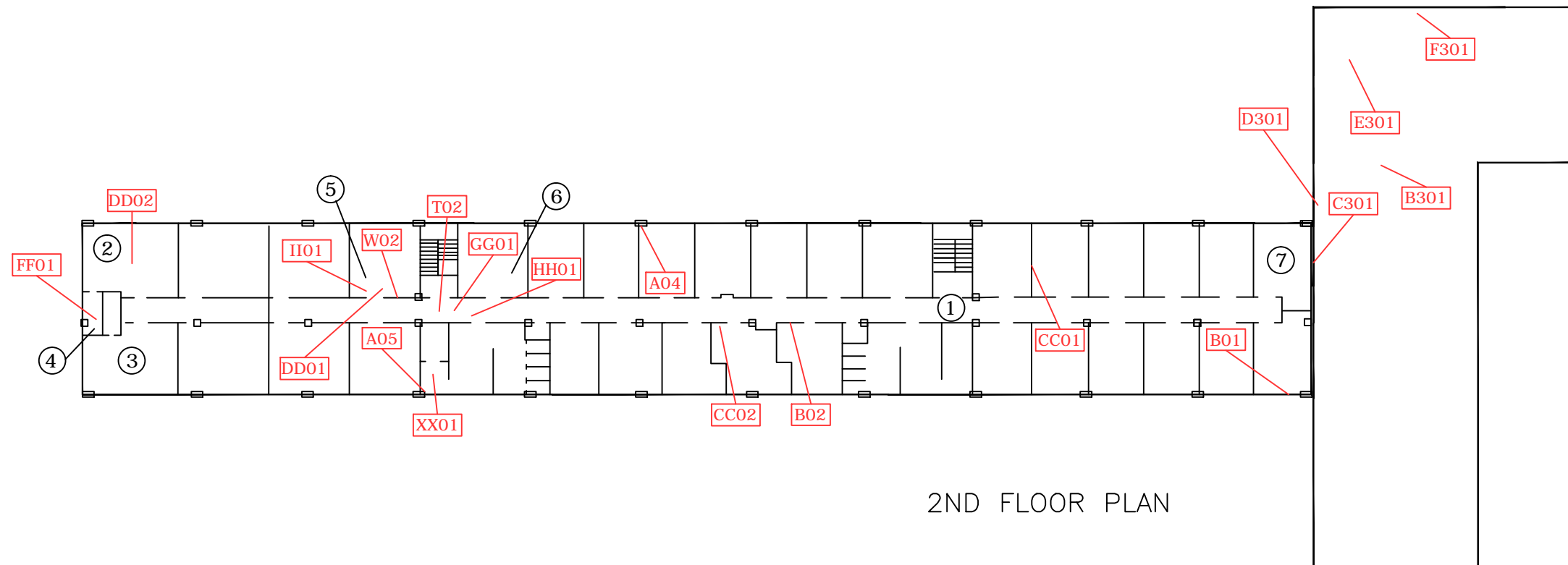
FIGURE

HH4446

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



3RD FLOOR PLAN



2ND FLOOR PLAN



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SHEET TITLE

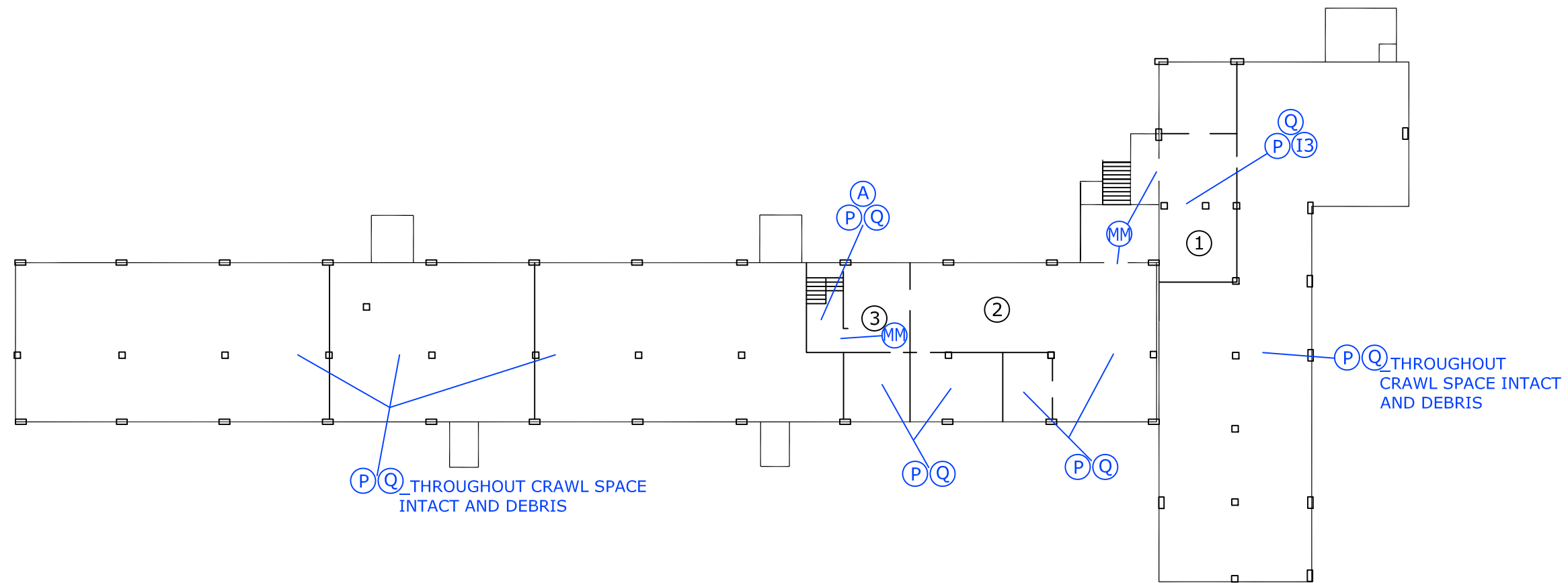
BUILDING HH4446
 SAMPLE LOCATIONS
 SECOND AND THIRD FLOORS

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE

HH4446

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE

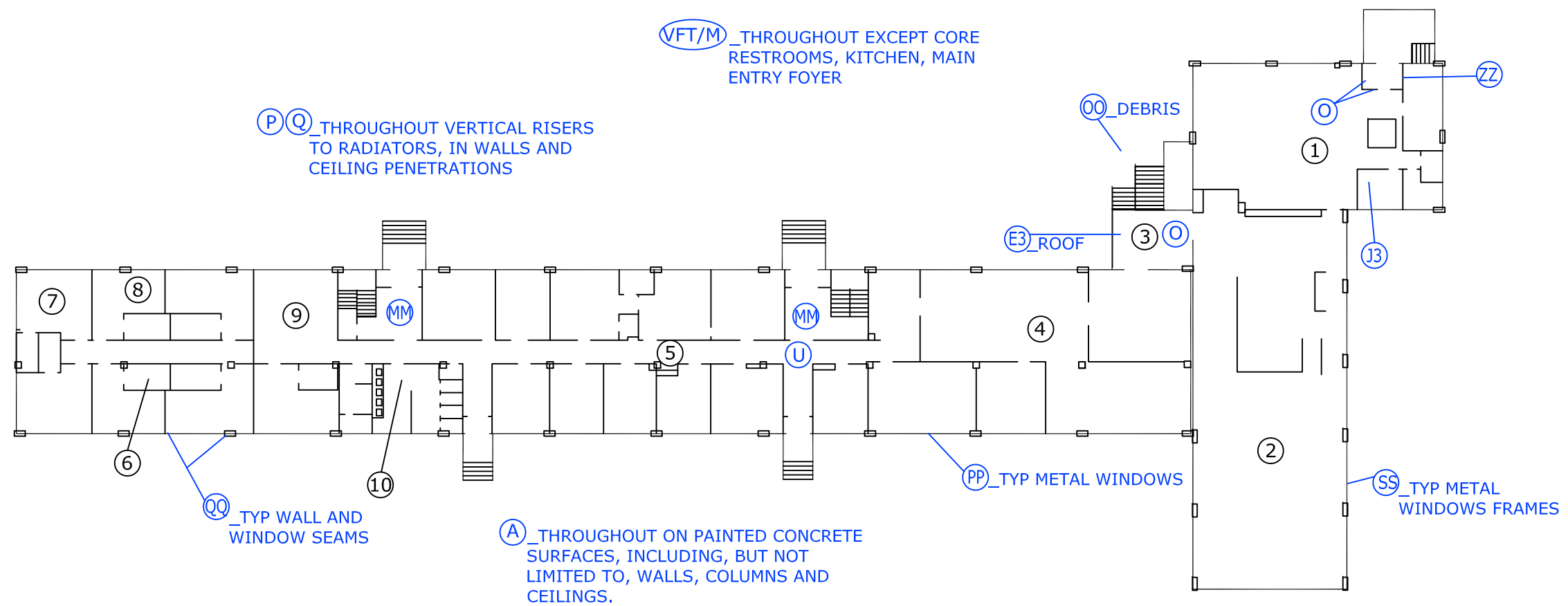
BUILDING HH4446
 MATERIAL LOCATIONS
 BASEMENT

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE

HH4446

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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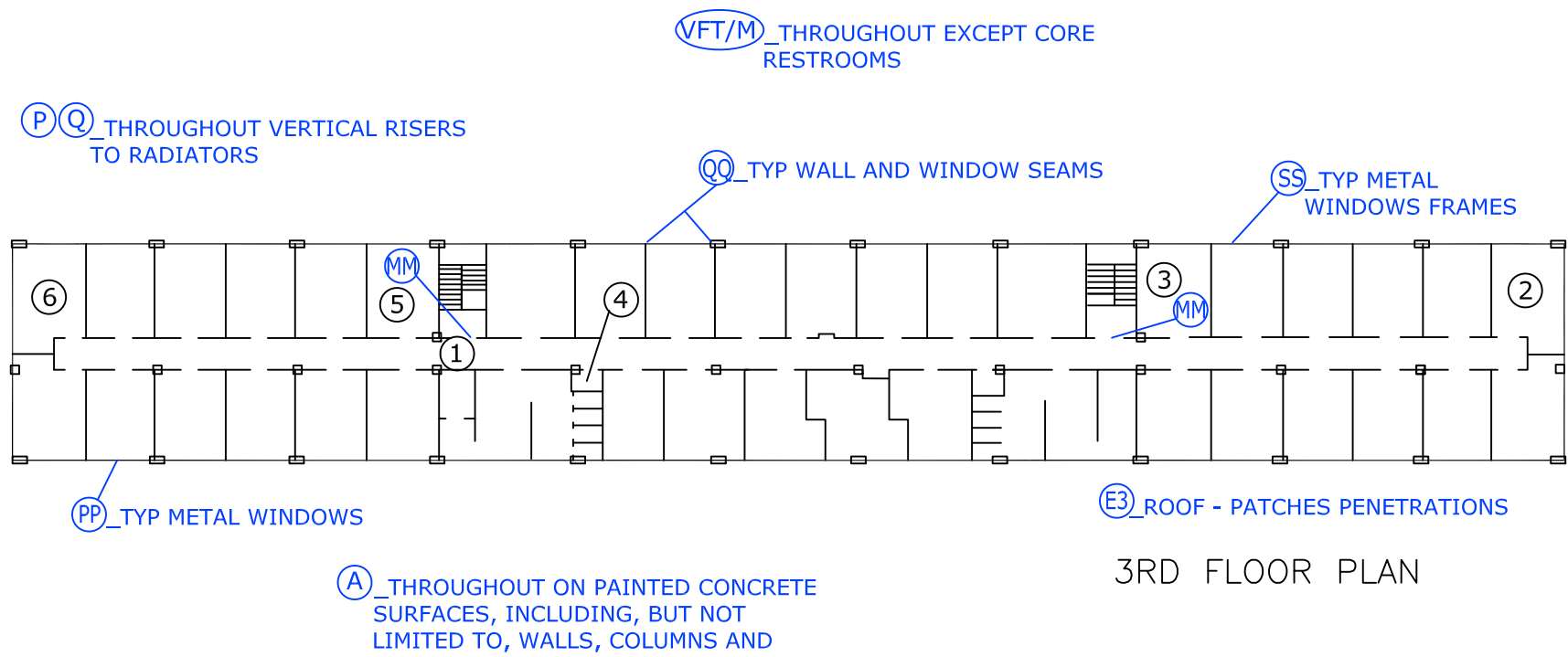
SHEET TITLE

BUILDING HH4446
 MATERIAL LOCATIONS
 FIRST FLOOR

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

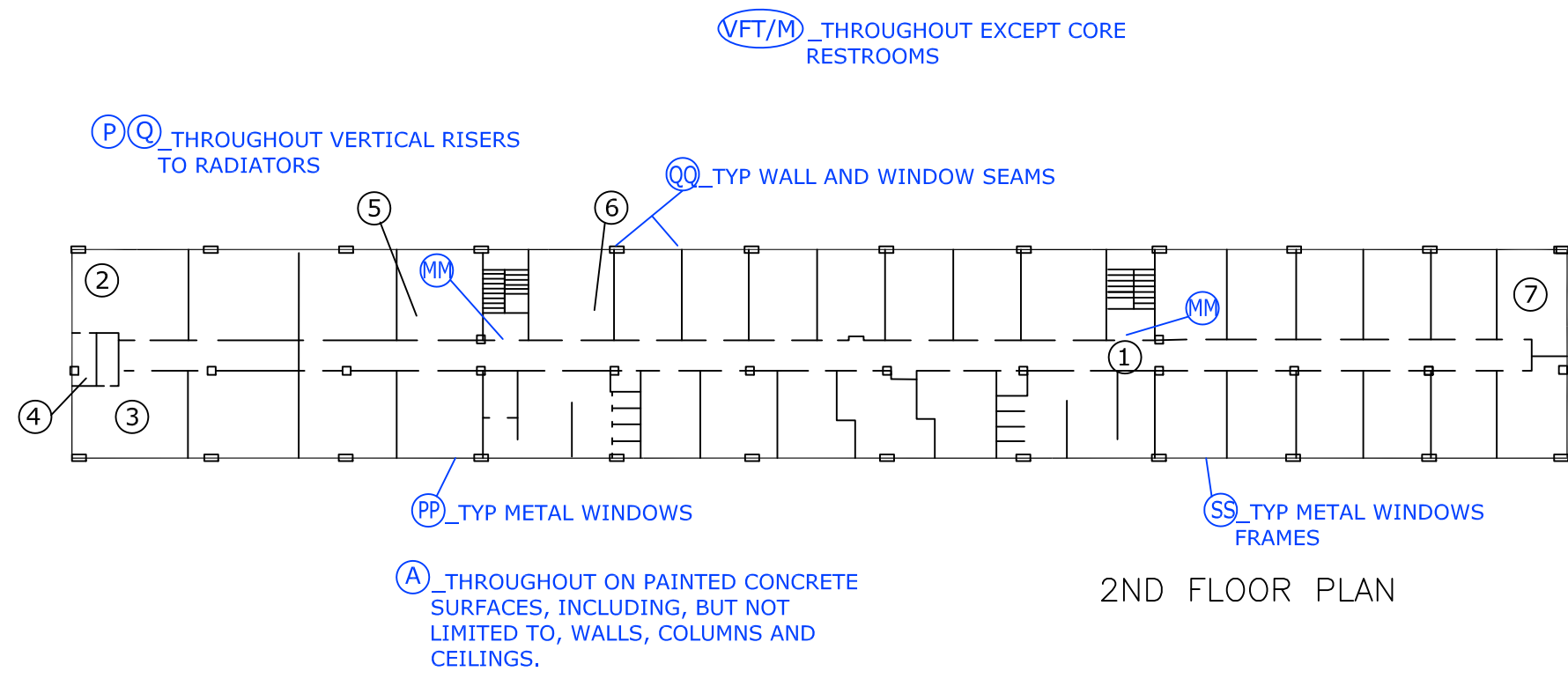
FIGURE

HH4446

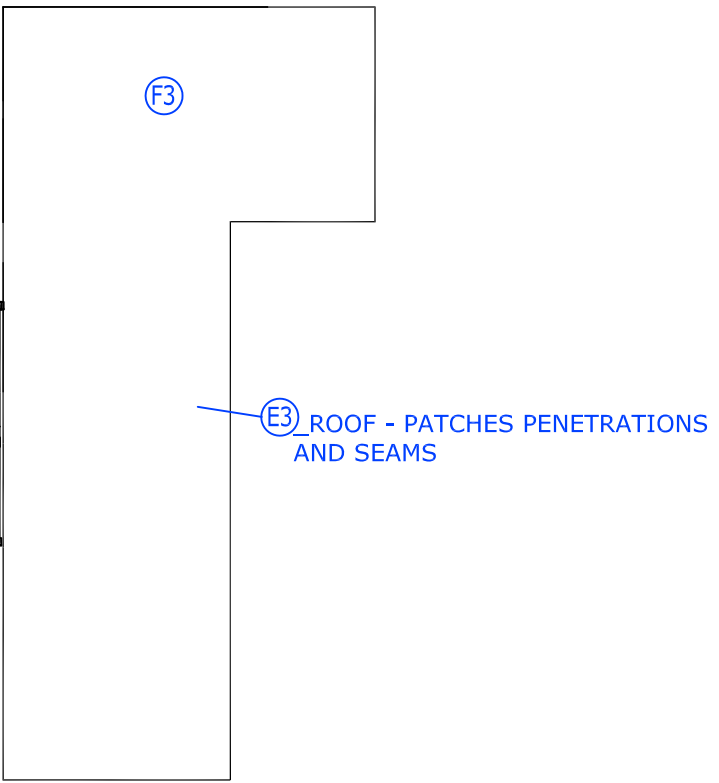


3RD FLOOR PLAN

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



2ND FLOOR PLAN



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PROJECT TITLE
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SHEET TITLE
 BUILDING HH4446
 MATERIAL LOCATIONS
 SECOND AND THIRD FLOORS

SCALE: 1" = 30'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 HH4446

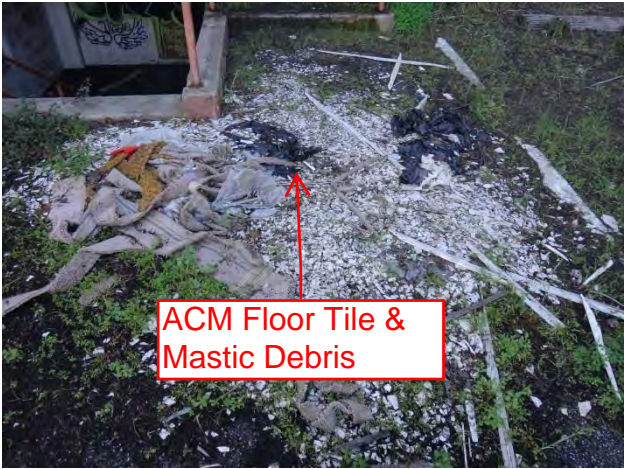
BUILDING HH4446
PHOTO DOCUMENTATION



ACM Skim Coat Under Paint



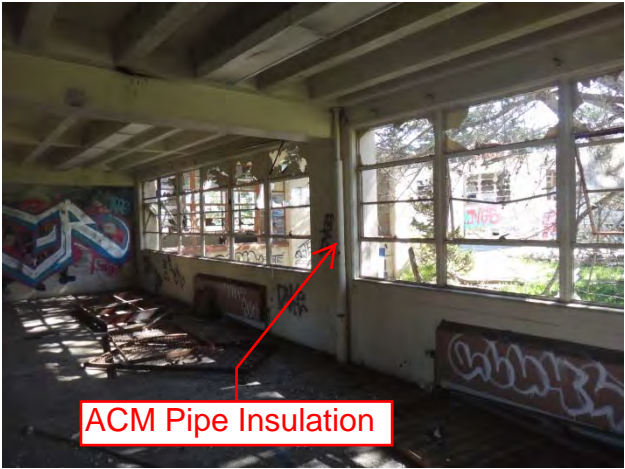
ACM Floor Tile & Mastic



ACM Floor Tile & Mastic Debris



ACM Cement Panels

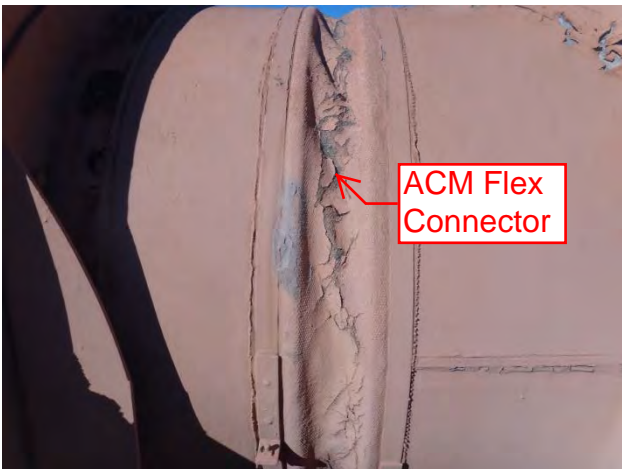
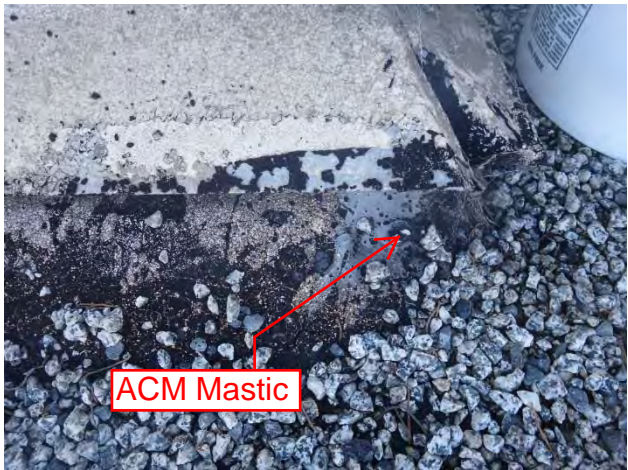
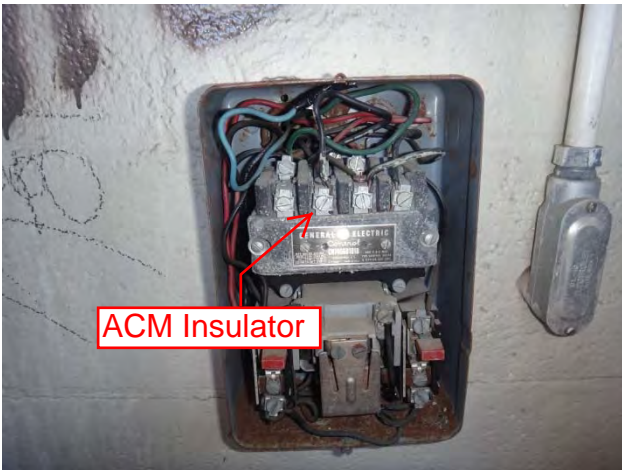
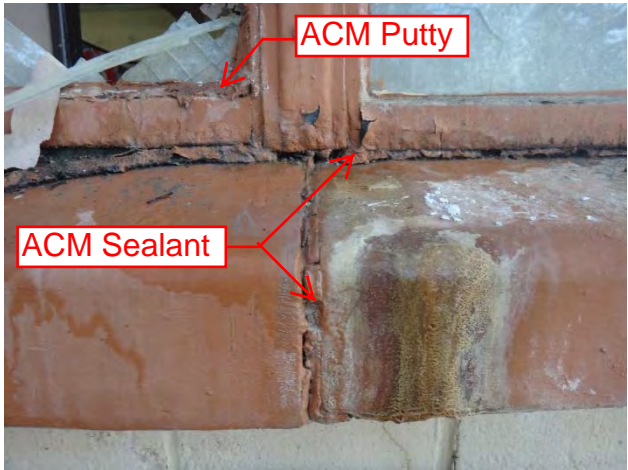


ACM Pipe Insulation



ACM Sealant

BUILDING HH4446
PHOTO DOCUMENTATION



BUILDING HH4446 PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217031
Date Received: 02/23/16
Date Analyzed: 02/26/16
Date Printed: 02/26/16
First Reported: 02/26/16

Job ID/Site: 161091001 - FORA, HH4446

FALI Job ID: L1161
Total Samples Submitted: 103
Total Samples Analyzed: 100

Date(s) Collected: 02/23/2016, 02/26/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-A-01	11733845						
Layer: White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4446-A-02	11733846						
Layer: White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4446-A-03	11733847						
Layer: White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-A-04	11733848						
Layer: White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-A-05	11733849						
Layer: White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-A-06	11733850						
Layer: White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-A-07	11733851						
Layer: Grey Cementitious Material			ND				
Layer: White Skimcoat		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4446-B-01	11733852						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-B-02	11733853						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-B-03	11733854						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-B-04	11733855						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-B-05	11733856						
Layer: Off-White Skimcoat			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-B-06	11733857						
Layer: Beige Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-B-07	11733858						
Layer: Beige Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-C-01	11733859						
Layer: Grey Cementitious Material			ND				
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-D-01	11733860						
Layer: Off-White Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4446-E-01	11733861						
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4446-F-01	11733862						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4446-G-01	11733863						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
HH4446-H-01	11733864						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4446-I-01	11733865						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4446-I-02	11733866						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4446-J-01	11733867						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4446-J-02	11733868						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-K-01	11733869						
Layer: Brown Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
HH4446-K-02	11733870						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4446-K-03	11733871						
Layer: White Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
HH4446-K-04	11733872						
Layer: Brown Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
HH4446-K-05	11733873						
Layer: Brown Drywall			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
HH4446-L-01	11733874						
Layer: Brown Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-M-01	11733875						
Layer: Light Brown Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4446-N-01	11733876						
Layer: Tan Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-O-01	11733877						
Layer: Grey Cementitious Material		Chrysotile	15 %				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
HH4446-P-01	11733878						
Layer: White Semi-Fibrous Material		Chrysotile	15 %	Amosite	5 %		
Layer: Beige Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (16%)					
Cellulose (10 %)							
HH4446-Q-01	11733879						
Layer: White Semi-Fibrous Material		Chrysotile	2 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (2 %)							
HH4446-R-01	11733880						
Layer: Beige Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4446-S-01	11733882						
Layer: Green Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4446-T-01	11733883						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4446-T-02	11733884						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
HH4446-U-01	11733885						
Layer: Grey Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
HH4446-V-01	11733886						
Layer: Yellow Fibrous Material			ND				
Layer: Silver Foil			ND				
Layer: White Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (85 %)							

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-V-02	11733887						
Layer: White Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Silver Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)	Fibrous Glass (5 %)						
HH4446-W-01	11733888						
Layer: Grey Non-Fibrous Material			ND				
Layer: Dark Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-W-02	11733889						
Layer: Grey Non-Fibrous Material			ND				
Layer: Dark Brown Mastic			ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-X-01	11733890						
Layer: Black Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-Y-01	11733891						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
HH4446-Z-01	11733892						
Layer: Brown Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
HH4446-AA-01	11733893						
Layer: White Non-Fibrous Material			ND				
Layer: White Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-BB-01	11733894						
Layer: Black Tar			ND				
Layer: Off-White Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4446-CC-01	11733895						
Layer: Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4446-CC-02	11733896						
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4446-CC-03	11733897						
Layer: Off-White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4446-CC-04	11733898						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4446-CC-05	11733899						
Layer: Grey Cementitious Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4446-CC-06	11733900						
Layer: White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
HH4446-CC-07	11733901						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-DD-01	11733902						
Layer: Yellow Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (95 %)	Wollastonite (Trace)						
HH4446-DD-02	11733903						
Layer: Yellow Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (95 %)	Wollastonite (Trace)						
HH4446-EE-01	11733904						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Light Grey Cementitious Material			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
HH4446-FF-01	11733905						
Layer: Yellow Fibrous Material			ND				
Layer: White Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (95 %)							
HH4446-GG-01	11733906						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
HH4446-HH-01	11733907						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-II-01	11733908						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-JJ-01	11733909						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-JJ-02	11733910						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-JJ-03	11733911						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-KK-01	11733912						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4446-LL-01	11733913						
Layer: Yellow Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Layer: Silver Foil			ND				
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (85 %)							
HH4446-LL-02	11733914						
Layer: Yellow Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: Silver Foil			ND				
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (5 %)							
HH4446-MM-01	11733915						
Layer: Grey Fibrous Material		Chrysotile	80 %				
Total Composite Values of Fibrous Components:		Asbestos (80%)					
HH4446-OO-01	11733916						
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-PP-01	11733917						
Layer: Grey Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-PP-02	11733918						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-PP-03	11733919						
Layer: Grey Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-QQ-01	11733920						
Layer: Black Fibrous Material			ND				
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (15 %)							
HH4446-QQ-02	11733921						
Layer: Black Fibrous Material			ND				
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (15 %)							
HH4446-RR-01	11733922						
Layer: Grey Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4446-SS-01	11733923						
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-SS-02	11733924						
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
HH4446-TT-01	11733925						
Layer: Tan Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-TT-02	11733926						
Layer: Grey Cementitious Material			ND				
Layer: Tan Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4446-UU-01	11733927						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4446-UU-02	11733928						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
HH4446-VV-01	11733929						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-VV-02	11733930						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
HH4446-WW-01	11733931						
Layer: Dark Brown Semi-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
HH4446-XX-01	11733932						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
HH4446-YY-01	11733933						
Layer: Off-White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4446-22-01	11733934						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-A3-01	11733935						
Layer: Black Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
HH4446-B3-01	11733936						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4446-C3-01	11733937						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Beige Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
HH4446-C3-02	11733938						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Beige Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-D3-01	11733939						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Beige Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4446-D3-02	11733940						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Beige Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
Comment: Bulk complex sample.							
HH4446-E3-01	11733941						
Layer: Grey Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
HH4446-E3-02	11733942						
Layer: Grey Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
HH4446-F3-01	11733943						
Layer: Red/White Fibrous Material		Chrysotile	95 %				
Total Composite Values of Fibrous Components:		Asbestos (95%)					
HH4446-G3-01	11733944						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
HH4446-H3-01	11733945						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217031

Date Printed: 02/26/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007981
Date Received: 02/23/16
Date Analyzed: 03/10/16
Date Printed: 03/10/16

Job ID/Site: 161091001 - FORA, HH4446

FALI Job ID: L1161

PLM Report Number: B217031

Total Samples Submitted: 3

Total Samples Analyzed: 3

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4446-A-01	11733845	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		1
Number of non-empty points:		400
Layer percentage of entire sample:		20
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4446-A-03	11733847	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		
HH4446-A-05	11733849	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		90
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		



Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007981
Date Received: 02/23/16
Date Analyzed: 03/10/16
Date Printed: 03/10/16

Job ID/Site: 161091001 - FORA, HH4446

FALI Job ID: L1161

PLM Report Number: B217031

Total Samples Submitted: 3

Total Samples Analyzed: 3

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
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Note: Point count results are reported to the nearest percent per EPA method.

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007994
Date Received: 02/23/16
Date Analyzed: 03/16/16
Date Printed: 03/16/16

Job ID/Site: 161091001 - FORA, HH4446

FALI Job ID: L1161

PLM Report Number: B217031

Total Samples Submitted: 4

Total Samples Analyzed: 4

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
-----------	------------	-------------------

HH4446-A-02	11733846	White Skimcoat
--------------------	----------	-----------------------

Point Count Results:

Number of asbestos points counted: 3

Number of non-empty points: 400

Layer percentage of entire sample: 20

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4446-A-04	11733848	White Skimcoat
--------------------	----------	-----------------------

Point Count Results:

Number of asbestos points counted: 3

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

HH4446-A-06	11733850	White Skimcoat
--------------------	----------	-----------------------

Point Count Results:

Number of asbestos points counted: 3

Number of non-empty points: 400

Layer percentage of entire sample: 90

Percent asbestos in layer: < 1

Asbestos type(s) detected: Chrysotile

Comment:

Bulk Asbestos Point Count Analysis

(NESHAP Final Rule, 40 CFR, Part 61)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: N007994
Date Received: 02/23/16
Date Analyzed: 03/16/16
Date Printed: 03/16/16

Job ID/Site: 161091001 - FORA, HH4446

FALI Job ID: L1161

PLM Report Number: B217031

Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Preparation and Analysis:

The NESHAP Final Rule does not define the preparation method for multi-layered samples. In order to determine the composite quantity of asbestos, the volume percent of each layer is determined, the asbestos containing layers are analyzed by point counting and the composite quantity of asbestos is calculated. The NESHAP Final Rule can not be applied to matrices that dissolve in refractive index liquid. This includes tar, mastic or adhesive typically found on the back of floor tiles. According to the NESHAP Final Rule, point count data is only necessary when the visual estimate of asbestos is below 10%.

Sample ID	Lab Number	Layer Description
HH4446-A-07	11733851	White Skimcoat
<i>Point Count Results:</i>		
Number of asbestos points counted:		2
Number of non-empty points:		400
Layer percentage of entire sample:		10
Percent asbestos in layer:		< 1
Asbestos type(s) detected:	Chrysotile	
Comment:		

Note: Point count results are reported to the nearest percent per EPA method.



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	A	01	PAINT/ SKIM COAT	WHITE/WHITE CONCRETE		
HH4446	A	02	↓	↓		
HH4446	A	03				
HH4446	A	04				
HH4446	A	05				
HH4446	A	06				
HH4446	A	07				
HH4446	B	01	PAINT/ SKIM COAT	WHITE/WHITE CMU		
HH4446	B	02	↓	↓		
HH4446	B	03				

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE
2. [Signature]
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3. _____
TRANSFER SIGNATURE

CHRIS BURNS
PRINTED NAME

PRINTED NAME

PRINTED NAME

2/23/16 / 10:00 AM

DATE/TIME RECEIVED

FEB 23 2016
DATE/TIME

DLO/CO
1030
DATE/TIME



ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	B	04	PAINT/ SKIM COAT	WHITE/WHITE CMU		
HH4446	B	05	↓	↓		
HH4446	B	06				
HH4446	B	07				
HH4446	C	01	MORTAR/ GROUT	GRAY/GRAY		
HH4446	D	01	MORTAR/ GROUT	GRAY/GRAY		
HH4446	E	01	VFT/ MASTIC	9" BLACK/ BLACK		
HH4446	F	01	MORTAR/ GROUT	WHITE/GRAY		
HH4446	G	01	VAPOR BARRIER	BLACK, CERAMIC FLOOR		
HH4446	H	01	INSULATOR PAPER	BROWN, ELECTRICAL BOX		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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DATE/TIME

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PRINTED NAME

DATE/TIME



ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	I	01	ACP	2'x4' WHITE GOUGE, PINHOLE		
HH4446	I	02	↓	↓		
HH4446	J	01	WB/JC	WHITE WHITE		
HH4446	J	02	↓	↓		
HH4446	K	01	TEXTURE COAT	WHITE, SMALL		
HH4446	K	02	↓	↓		
HH4446	K	03	↓	↓		
HH4446	K	04	↓	↓		
HH4446	K	05	↓	↓		
HH4446	L	01	BC/MASTIC	4" BROWN/ BROWN		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

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2. [Signature]
TRANSFER SIGNATURE
3. _____
TRANSFER SIGNATURE

- CHRIS BURNS
PRINTED NAME
- _____
PRINTED NAME
- _____
PRINTED NAME

2/23/16 10:00am
DATE/TIME

FEB 23 2016
DATE/TIME

D10@1030
DATE/TIME



ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	M	01	VFT/MASTIC	12" LIGHT BROWN/BLACK		
HH4446	N	01	WALLBOARD	WHITE		
HH4446	O	01	CEMENT PANEL	GRAY		
HH4446	P	01	TSI	4-6 OD PIPE		
HH4446	Q	01	TSI	4-6 OD FITTING		
HH4446	R	01	VFT/MASTIC	12" OFF WHITE/BLACK		
HH4446	R	02	↓	↓		
HH4446	S	01	VFT/MASTIC	9" GREEN/BLACK		
HH4446	T	01	ACP	2'x4' WHITE FISSURE PIN HOLE		
HH4446	T	02	↓	↓		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

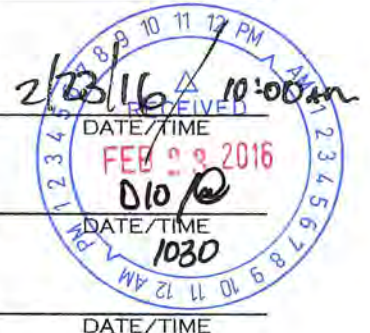
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. _____
TRANSFER SIGNATURE

CHRIS BURNS
PRINTED NAME



2. [Signature]
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3. _____
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PRINTED NAME

DATE/TIME



ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	U	01	SEALANT	BROWN, PIPE		
HH4446	V	01	JACKETING	WHITE, FIBERGLASS PIPE		
HH4446	V	02	↓	↓		
HH4446	W	01	BC/MASTIC	4" BEIGE/BROWN		
HH4446	W	02	↓	↓		
HH4446	X	01	BC/MASTIC	4" BLACK/YELLOW & BROWN		
HH4446	Y	01	VFT/MASTIC	9" WHITE		
HH4446	Z	01	VFT/MASTIC	9" BROWN		
HH4446	AA	01	MORTAR/GROUT	WHITE/WHITE		
HH4446	BB	01	VAPOR BARRIER	BLACK WALL		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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TRANSFER SIGNATURE

- CHRIS BURNS
PRINTED NAME
- _____
PRINTED NAME
- _____
PRINTED NAME

2/23/16 10:00am
DATE/TIME RECEIVED

FEB 23 2016
D100
DATE/TIME

1030
DATE/TIME



ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	CC	01	PAINT/CMU/ MORTAR	WHITE/GRAY/ GRAY		
HH4446	CC	02				
HH4446	CC	03				
HH4446	CC	04				
HH4446	CC	05				
HH4446	CC	06				
HH4446	CC	07				
HH4446	DO	01	ACP	2'x4' WHITE LATERAL FISSURE		
HH4446	DO	02				
HH4446	EE	01	MORTAR/ GROUT/VAPOR BARRIER	GRAY/GRAY/BLACK		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

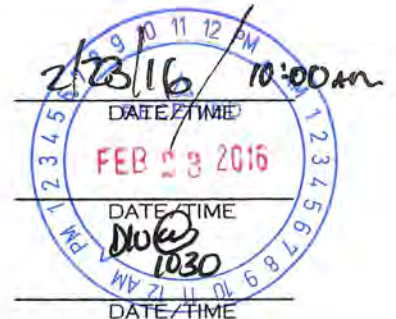
DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

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TRANSFER SIGNATURE
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TRANSFER SIGNATURE

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PRINTED NAME
- _____
PRINTED NAME
- _____
PRINTED NAME





ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	MM	01	INSULATION	white, Firedoor		
HH4446	NN	01	Gasket			
HH4446	OO	01	VFT/MAS	white/black, Debris		
HH4446	PP	01	WINDOW PUTTY	white		
HH4446	PP	02	↓	↓		
HH4446	PP	03	↓	↓		
HH4446	QQ	01	Sealant, Expansion Joint	Tan/Brown window wall seams		
HH4446	QQ	02	↓	↓		
HH4446	RR	01	COATING	Gray, LW concrete		
HH4446	SS	01	Sealant	Tan, window frames		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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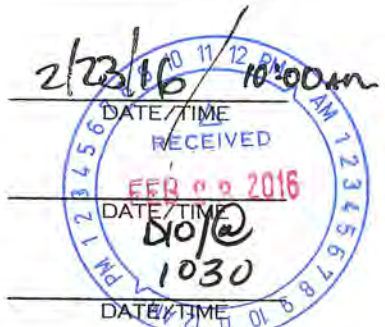
CHRIS BURNS
PRINTED NAME

2. Jessi
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TRANSFER SIGNATURE

PRINTED NAME





ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	SS	02	Sealant	TAN, WINDOW FRAMES		
HH4446	TT	01	PAINT	white, Exterior		
HH4446	TT	02	↓	↓		
HH4446	UU	01	Concrete	Gray, STRUCTURAL		
HH4446	UU	02	↓	↓		
HH4446	VV	01	PAVEMENT/CMU/ GROUT	white/Gray/ Gray, EXT		
HH4446	VV	02	↓	↓		
HH4446	WW	01	Sealant	Black, WINDOW FRAME		
HH4446	XX	01	Gasket	Black, Light		
HH4446	YY	01	INSULATION	white, WIRE		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

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1. [Signature]
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2. [Signature]
TRANSFER SIGNATURE
3. _____
TRANSFER SIGNATURE

- CHRIS BURNS
PRINTED NAME
- _____
PRINTED NAME
- _____
PRINTED NAME





2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 2/23/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	22	01	INSULATOR	Black, Elec Box		
HH4446	A ³	01	INSULATION PAPER	Black, Elec Box		
HH4446	B ³	01	Roofing	Black, T&G		
HH4446	B ³	02	↓	↓		
HH4446	C ³	01	Parapet/ Base	Black Built up		
HH4446	C ³	02	↓	↓		
HH4446	D ³	01	Flashing	Black, T&G		
HH4446	D ³	02	↓	↓		
HH4446	E ³	01	Mastic	Gray & Black, Roof		
HH4446	E ³	02	↓	↓		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE
2. [Signature]
TRANSFER SIGNATURE
3. _____
TRANSFER SIGNATURE

- CHRIS BURNS
PRINTED NAME
- _____
PRINTED NAME
- _____
PRINTED NAME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B219009
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - HH4446

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Date(s) Collected: 03/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
HH4446-I301	11749101						
Layer: Grey Fibrous Material		Chrysotile	90 %				
Total Composite Values of Fibrous Components:		Asbestos (90%)					
HH4446-J301	11749102						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: HH4446

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
HH4446	I3	01	GASKET	WHITE, TANK VALVES		
HH4446	J3	01	GLAZING	TAN, WINDOW	INTERIOR	
<i>2 SAMPLES</i>						

ANALYTICAL METHOD: PLM ~~40 PPF-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. *Luis Javier Rocha*
TRANSFER SIGNATURE

2. _____
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/29/16
DATE/TIME

PRINTED NAME

DATE/TIME

3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

**FORA
HH4446
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
249					SHUTTER_CAL					3.17	cps
250					CALIBRATE				Positive	1	mg/cm ²
251					CALIBRATE				Positive	1	mg/cm ²
252					CALIBRATE				Positive	1	mg/cm ²
534	HH 4446	1	OUTSIDE	WEST	DOCK	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
535	HH 4446	1	OUTSIDE	NORTH	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.22	mg/cm ²
536	HH 4446	1	OUTSIDE	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.21	mg/cm ²
537	HH 4446	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.4	mg/cm ²
538	HH 4446	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.05	mg/cm ²
539	HH 4446	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.9	mg/cm ²
540	HH 4446	1	OUTSIDE	NORTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Negative	0	mg/cm ²
541	HH 4446	1	OUTSIDE	NORTH	AC	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
542	HH 4446	1	OUTSIDE	EAST	CURB	CONCRETE	WHITE	DETERIORATED	Negative	0.18	mg/cm ²
543	HH 4446	1	OUTSIDE	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
544	HH 4446	1	OUTSIDE	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²
545	HH 4446	1	OUTSIDE	EAST	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²
546	HH 4446	1	OUTSIDE	EAST	WINDOW	METAL	BROWN	INTACT	Positive	1.9	mg/cm ²
547	HH 4446	1	OUTSIDE	EAST	DOOR	WOOD	BEIGE	DETERIORATED	Negative	0.03	mg/cm ²
548	HH 4446	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
549	HH 4446	1	OUTSIDE	SOUTH	WINDOW	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²
550	HH 4446	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
551	HH 4446	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BEIGE	DETERIORATED	Negative	0.23	mg/cm ²
552	HH 4446	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BEIGE	INTACT	Negative	0.8	mg/cm ²
553	HH 4446	1	OUTSIDE	WEST	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
554	HH 4446	1	OUTSIDE	WEST	PIPE	METAL	BEIGE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4446
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
555	HH 4446	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BROWN	DETERIORATED	Positive	1.8	mg/cm ²
556	HH 4446	1	OUTSIDE	NORTH	WALL	WOOD	BEIGE	INTACT	Negative	0.11	mg/cm ²
557	HH 4446	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN	INTACT	Positive	1.5	mg/cm ²
558	HH 4446	1	OUTSIDE	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
559	HH 4446	1	OUTSIDE	WEST	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.18	mg/cm ²
560	HH 4446	1	OUTSIDE	WEST	WINDOW	WOOD	BROWN	INTACT	Positive	1.3	mg/cm ²
561	HH 4446	BASEMENT	OUTSIDE	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
562	HH 4446	BASEMENT	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.2	mg/cm ²
563	HH 4446	BASEMENT	OUTSIDE	WEST	LOUVER	METAL	BEIGE	DETERIORATED	Positive	2.5	mg/cm ²
564	HH 4446	BASEMENT	1	NORTH	DOOR	METAL	RED	INTACT	Positive	13.4	mg/cm ²
565	HH 4446	BASEMENT	1	NORTH	DOOR FRAME	METAL	RED	INTACT	Positive	7.7	mg/cm ²
566	HH 4446	BASEMENT	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
567	HH 4446	BASEMENT	2	EAST	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.13	mg/cm ²
568	HH 4446	BASEMENT	2	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
569	HH 4446	BASEMENT	2	WEST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
570	HH 4446	BASEMENT	2	WEST	COUNTER	METAL	BROWN	INTACT	Positive	2.3	mg/cm ²
571	HH 4446	BASEMENT	2	WEST	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.1	mg/cm ²
572	HH 4446	BASEMENT	2	SOUTH	DOOR	METAL	BROWN	INTACT	Positive	2.5	mg/cm ²
573	HH 4446	BASEMENT	2	SOUTH	DOOR	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
574	HH 4446	BASEMENT	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
575	HH 4446	BASEMENT	3	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
576	HH 4446	BASEMENT	3	SOUTH	DOOR	WOOD	BLACK	INTACT	Negative	0.17	mg/cm ²
577	HH 4446	BASEMENT	3	WEST	DOOR	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
578	HH 4446	BASEMENT	3	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.28	mg/cm ²
579	HH 4446	BASEMENT	STAIRWELL E	WEST	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.06	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4446
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
580	HH 4446	BASEMENT	STAIRWELL E	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.3	mg/cm ²
581	HH 4446	BASEMENT	STAIRWELL E		STAIRS	CONCRETE	WHITE	DETERIORATED	Negative	0.15	mg/cm ²
582	HH 4446	BASEMENT	STAIRWELL E		STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.28	mg/cm ²
583	HH 4446	1	1	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
584	HH 4446	1	1	NORTH	WINDOW	METAL	BEIGE	INTACT	Negative	0.08	mg/cm ²
585	HH 4446	1	1	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
586	HH 4446	1	1	SOUTH	DOOR FRAME	WOOD	BROWN	DETERIORATED	Negative	0	mg/cm ²
587	HH 4446	1	1		FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
588	HH 4446	1	2	WEST	WALL	DRYWALL	TAN	INTACT	Negative	0	mg/cm ²
589	HH 4446	1	2	WEST	WALL	CONCRETE	TAN	INTACT	Negative	0	mg/cm ²
590	HH 4446	1	2	WEST	PIPE	METAL	WHITE	INTACT	Positive	1.1	mg/cm ²
591	HH 4446	1	2	WEST	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.1	mg/cm ²
592	HH 4446	1	2	WEST	HAND RAIL	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
593	HH 4446	1	2	WEST	EXPANSION JOINT	METAL	BROWN	INTACT	Negative	0.9	mg/cm ²
594	HH 4446	1	2	EAST	RADIATOR	METAL	BROWN	INTACT	Positive	1	mg/cm ²
595	HH 4446	1	2	EAST	WINDOW	METAL	BROWN	DETERIORATED	Positive	2.1	mg/cm ²
596	HH 4446	1	3	SOUTH	WINDOW	METAL	BEIGE	DETERIORATED	Positive	2.9	mg/cm ²
597	HH 4446	1	3	SOUTH	WINDOW SILL	CONCRETE	BEIGE	DETERIORATED	Negative	0.24	mg/cm ²
598	HH 4446	1	3	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
599	HH 4446	1	3	SOUTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0.13	mg/cm ²
600	HH 4446	1	3	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
601	HH 4446	1	3	NORTH	WINDOW FRAME	WOOD	BEIGE	DETERIORATED	Positive	1.8	mg/cm ²
602	HH 4446	1	3	NORTH	DOOR	WOOD	BLUE, LIGHT	DETERIORATED	Negative	0	mg/cm ²
603	HH 4446	1	3	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.4	mg/cm ²
604	HH 4446	1	4	WEST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²

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**FORA
HH4446
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
605	HH 4446	1	4	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
606	HH 4446	1	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.7	mg/cm ²
607	HH 4446	1	4	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Positive	1.1	mg/cm ²
608	HH 4446	1	4	SOUTH	WINDOW FRAME	METAL	WHITE	DETERIORATED	Positive	3.3	mg/cm ²
609	HH 4446	1	4		COLUMN	CONCRETE	WHITE	INTACT	Negative	0.7	mg/cm ²
610	HH 4446	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
611	HH 4446	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
612	HH 4446	1	5	WEST	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
613	HH 4446	1	5	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
614	HH 4446	1	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
615	HH 4446	1	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
616	HH 4446	1	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.17	mg/cm ²
617	HH 4446	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
618	HH 4446	1	5	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
619	HH 4446	1	5	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
620	HH 4446	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
621	HH 4446	1	6	NORTH	WALL	CERAMIC	WHITE	INTACT	Positive	6.5	mg/cm ²
622	HH 4446	1	6		FLOOR	CERAMIC	BLUE, LIGHT	INTACT	Negative	0.01	mg/cm ²
623	HH 4446	1	7	WEST	WALL	CONCRETE	BLUE, LIGHT	INTACT	Negative	0.08	mg/cm ²
624	HH 4446	1	7	WEST	WALL	CONCRETE	YELLOW	INTACT	Negative	0	mg/cm ²
625	HH 4446	1	8	NORTH	COLUMN	CONCRETE	YELLOW	INTACT	Negative	0.17	mg/cm ²
626	HH 4446	1	9	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
627	HH 4446	1	9	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
628	HH 4446	1	STAIRWELL W	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.3	mg/cm ²
629	HH 4446	1	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4446
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
630	HH 4446	1	STAIRWELL W	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
631	HH 4446	1	10	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
632	HH 4446	1	10	EAST	WALL	CERAMIC	WHITE	INTACT	Negative	0.08	mg/cm ²
633	HH 4446	1	10		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
634	HH 4446	1	10	EAST	STALL	METAL	RED	INTACT	Negative	0	mg/cm ²
635	HH 4446	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
636	HH 4446	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.08	mg/cm ²
637	HH 4446	2	1	SOUTH	BASEBOARD	CONCRETE	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
638	HH 4446	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
639	HH 4446	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
640	HH 4446	2	1	SOUTH	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.09	mg/cm ²
641	HH 4446	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
642	HH 4446	2	1	NORTH	COLUMN	CONCRETE	BROWN	INTACT	Positive	1.9	mg/cm ²
643	HH 4446	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
644	HH 4446	2	2	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	2.7	mg/cm ²
645	HH 4446	2	3	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.7	mg/cm ²
646	HH 4446	2	4	WEST	WALL	CONCRETE	BLUE, LIGHT	INTACT	Positive	2.5	mg/cm ²
647	HH 4446	2	5	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
648	HH 4446	2	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
649	HH 4446	2	6	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
650	HH 4446	2	7	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.09	mg/cm ²
651	HH 4446	2	7	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
652	HH 4446	3	STAIRWELL E	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
653	HH 4446	3	STAIRWELL E	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.13	mg/cm ²
654	HH 4446	3	STAIRWELL E	SOUTH	DOOR	METAL	WHITE	INTACT	Positive	1.7	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4446
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
655	HH 4446	3	STAIRWELL E	SOUTH	DOOR FRAME	METAL	WHITE	INTACT	Positive	1	mg/cm ²
656	HH 4446	3	STAIRWELL E	EAST	LADDER	METAL	WHITE	DETERIORATED	Positive	11.9	mg/cm ²
657	HH 4446	1	STAIRWELL E	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
658	HH 4446	1	STAIRWELL E	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
659	HH 4446	1	STAIRWELL E	NORTH	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.14	mg/cm ²
660	HH 4446	1	STAIRWELL E	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
661	HH 4446	1	2	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.17	mg/cm ²
662	HH 4446	1	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
663	HH 4446	1	4	EAST	WALL	CONCRETE	BROWN	INTACT	Positive	1.3	mg/cm ²
664	HH 4446	1	4	WEST	COLUMN	CONCRETE	BROWN	INTACT	Positive	1.8	mg/cm ²
665	HH 4446	1	4	WEST	SHELF	WOOD	BROWN	INTACT	Positive	3.6	mg/cm ²
666	HH 4446	1	5	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
667	HH 4446	1	6	WEST	WALL	CONCRETE	BEIGE	INTACT	Negative	0.11	mg/cm ²
668					CALIBRATE				Positive	1.1	mg/cm ²
669					CALIBRATE				Positive	1	mg/cm ²
670					CALIBRATE				Positive	1.1	mg/cm ²
1					SHUTTER_CAL					2.96	mg/cm ²
2					CALIBRATE				Positive	1.1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1.1	mg/cm ²
5	HH 4446	1	3		CEILING	DRYWALL	BEIGE	INTACT	Negative	0.01	mg/cm ²
6	HH 4446	1	4		CEILING	CONCRETE	BEIGE	DETERIORATED	Negative	0.02	mg/cm ²
7	HH 4446	1	5		BEAM	CONCRETE	YELLOW	DETERIORATED	Negative	0.06	mg/cm ²
8	HH 4446	1	STAIRWELL E		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
235					CALIBRATE				Positive	1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
HH4446
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
236					CALIBRATE				Positive	1	mg/cm ²
238					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

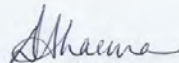
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71484-1
Client Project/Site: Building HH4446

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 3:45:27 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Job ID: 720-71484-1

Laboratory: TestAmerica Pleasanton

Narrative

**Job Narrative
720-71484-1**

Comments

No additional comments.

Receipt

The samples were received on 4/12/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4446-PCBO01 (720-71484-2), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Client Sample ID: HH4446-PCBO01

Lab Sample ID: 720-71484-2

No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Client Sample ID: HH4446-PCBO01

Lab Sample ID: 720-71484-2

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		13000		ug/Kg		04/23/16 13:16	04/25/16 23:53	1
PCB-1221	ND		13000		ug/Kg		04/23/16 13:16	04/25/16 23:53	1
PCB-1232	ND		13000		ug/Kg		04/23/16 13:16	04/25/16 23:53	1
PCB-1242	ND		13000		ug/Kg		04/23/16 13:16	04/25/16 23:53	1
PCB-1248	ND		13000		ug/Kg		04/23/16 13:16	04/25/16 23:53	1
PCB-1254	ND		13000		ug/Kg		04/23/16 13:16	04/25/16 23:53	1
PCB-1260	ND		13000		ug/Kg		04/23/16 13:16	04/25/16 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	56		32 - 112	04/23/16 13:16	04/25/16 23:53	1
DCB Decachlorobiphenyl	90		2 - 122	04/23/16 13:16	04/25/16 23:53	1



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71484-2	HH4446-PCBO01	56	90
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71484-2	HH4446-PCBO01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71484-2	HH4446-PCBO01	Total/NA	Solid	8082	201032
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032



Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Client Sample ID: HH4446-PCBO01

Lab Sample ID: 720-71484-2

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		1	201040	04/25/16 23:53	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71484-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71484-2	HH4446-PCBO01	Solid	04/12/16 08:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71484-1

Login Number: 71484

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

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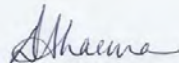
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71489-1
Client Project/Site: Building HH4446

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 3:58:47 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Job ID: 720-71489-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71489-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4446-PCBB01 (720-71489-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: HH4446-PCBB01 (720-71489-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Client Sample ID: HH4446-PCBB01

Lab Sample ID: 720-71489-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1016	580000000		270000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Client Sample ID: HH4446-PCBB01

Lab Sample ID: 720-71489-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	580000000		270000000		ug/Kg		04/23/16 13:16	04/25/16 17:12	20000
PCB-1221	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 17:12	20000
PCB-1232	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 17:12	20000
PCB-1242	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 17:12	20000
PCB-1248	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 17:12	20000
PCB-1254	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 17:12	20000
PCB-1260	ND		270000000		ug/Kg		04/23/16 13:16	04/25/16 17:12	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/23/16 13:16	04/25/16 17:12	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/23/16 13:16	04/25/16 17:12	20000



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71489-1	HH4446-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71489-1	HH4446-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71489-1	HH4446-PCBB01	Total/NA	Solid	8082	201032
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Client Sample ID: HH4446-PCBB01

Lab Sample ID: 720-71489-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 17:12	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71489-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71489-1	HH4446-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71489-1

Login Number: 71489

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

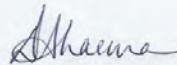
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71507-1
Client Project/Site: Building HH4446

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 3:42:42 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Job ID: 720-71507-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71507-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: HH4446-PCBC01 (720-71507-1).

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4446-PCBC01 (720-71507-1), (LCS 720-200673/2-A) and (MB 720-200673/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Client Sample ID: HH4446-PCBC01

Lab Sample ID: 720-71507-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	220		50		ug/Kg	1		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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- 2
- 3
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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Client Sample ID: HH4446-PCBC01

Lab Sample ID: 720-71507-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:01	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:01	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:01	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:01	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:01	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 02:01	1
PCB-1260	220		50		ug/Kg		04/18/16 09:59	04/19/16 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	70		45 - 132	04/18/16 09:59	04/19/16 02:01	1
<i>DCB Decachlorobiphenyl</i>	58		42 - 146	04/18/16 09:59	04/19/16 02:01	1

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (45-132)	DCB1 (42-146)
720-71507-1	HH4446-PCBC01	70	58
LCS 720-200673/2-A	Lab Control Sample	94	94
MB 720-200673/1-A	Method Blank	87	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200673/1-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1221	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1232	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1242	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1248	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1254	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1
PCB-1260	ND		50		ug/Kg		04/18/16 09:59	04/19/16 01:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		45 - 132	04/18/16 09:59	04/19/16 01:44	1
DCB Decachlorobiphenyl	94		42 - 146	04/18/16 09:59	04/19/16 01:44	1

Lab Sample ID: LCS 720-200673/2-A

Matrix: Solid

Analysis Batch: 200670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	124		ug/Kg		93	65 - 121
PCB-1260	133	128		ug/Kg		96	68 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	94		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

GC Semi VOA

Analysis Batch: 200669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71507-1	HH4446-PCBC01	Total/NA	Solid	8082	200673

Analysis Batch: 200670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	8082	200673
MB 720-200673/1-A	Method Blank	Total/NA	Solid	8082	200673

Prep Batch: 200673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71507-1	HH4446-PCBC01	Total/NA	Solid	3546	
LCS 720-200673/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-200673/1-A	Method Blank	Total/NA	Solid	3546	

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Client Sample ID: HH4446-PCBC01

Lab Sample ID: 720-71507-1

Date Collected: 04/12/16 08:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			200673	04/18/16 09:59	KMK	TAL PLS
Total/NA	Analysis	8082		1	200669	04/19/16 02:01	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 2
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building HH4446

TestAmerica Job ID: 720-71507-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71507-1	HH4446-PCBC01	Solid	04/12/16 08:00	04/12/16 13:50

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720-71507

Chain of Custody Record

167897

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc.

Client Contact
Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8860
888-296-0271 FAX
FOR A
HH4446

Project Manager: Chris Burns
Tel/Fax:
Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Site Contact:
Lab Contact:
Carrier:

Date:

COC No. of COCs

Sample Identification
HH4446 HH444 - PCB01
4/12/2016 800 am G Solid 1

Sample Date Sample Time Sample Type (G-Comp G-Grab) Matrix # of Cont
Filtered Sample (Y/N)
Perform MS/MSD (Y/N)
8082 (3580 B or C)

Sample Specific Notes:

Sample:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:



720-71507 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other 1
Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposal by Lab Archive for Months

Special Instructions/QC Requirements & Comments: Please email report to christhurns@vista-env.com & molli@vista-env.com

95cc

Custody Seals Intact: Yes No
Custody Seal No.:
Therm ID No.:

Relinquished by: [Signature] Vista
Date/Time: 4/12/16, 0800
Received by: [Signature]
Date/Time: 4/12/16, 0500

Relinquished by: [Signature] Vista
Date/Time: 4/12/16, 1350

Relinquished by: [Signature] Vista
Date/Time: 4/12/16, 1350

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71507-1

Login Number: 71507

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30736507	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	9900	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	10	mg/kg	10	EPA 3050B/6010B
		Co	93	mg/kg	5	EPA 3050B/6010B
		Cr	140	mg/kg	30	EPA 3050B/6010B
		Cu	9	mg/kg	8	EPA 3050B/6010B
		Hg	20	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	20	mg/kg	20	EPA 3050B/6010B
		Pb	4600	mg/kg	60	EPA 3050B/6010B
		Sb	250	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	16000	mg/kg	500	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171083
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-02	30736508	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	8000	mg/kg	300	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	130	mg/kg	5	EPA 3050B/6010B
		Cr	400	mg/kg	30	EPA 3050B/6010B
		Cu	22	mg/kg	8	EPA 3050B/6010B
		Hg	15	mg/kg	0.9	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	4000	mg/kg	60	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	< 8	mg/kg	8	EPA 3050B/6010B
		Zn	6100	mg/kg	300	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171622
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737974	Pb	210	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
HH-T22-02	30737975	Pb	37	mg/l	4	CWET/EPA 7420

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171623
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-01	30737976	Pb	13	mg/l	0.6	TCLP EPA 1311/7420
HH-T22-02	30737977	Pb	1.2	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30736509	Ag	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	50	mg/kg	20	EPA 3050B/6010B
		Be	< 0.6	mg/kg	0.6	EPA 3050B/6010B
		Cd	< 3	mg/kg	3	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	3	mg/kg	2	EPA 3050B/6010B
		Cu	7	mg/kg	4	EPA 3050B/6010B
		Hg	< 0.04	mg/kg	0.04	EPA 7471A
		Mo	< 6	mg/kg	6	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	230	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 6	mg/kg	6	EPA 3050B/6010B
		Tl	< 30	mg/kg	30	EPA 3050B/6010B
		V	6	mg/kg	2	EPA 3050B/6010B
		Zn	90	mg/kg	20	EPA 3050B/6010B



Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171060
Date Received: 04/14/16
Date Analyzed: 04/19/16
Date Printed: 04/21/16
First Reported: 04/21/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-04	30736510	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	90	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	10	mg/kg	2	EPA 3050B/6010B
		Cr	46	mg/kg	2	EPA 3050B/6010B
		Cu	19	mg/kg	3	EPA 3050B/6010B
		Hg	2.0	mg/kg	0.09	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	15	mg/kg	3	EPA 3050B/6010B
		Pb	130	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	20	mg/kg	2	EPA 3050B/6010B
		Zn	130	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171415
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737330	Pb	0.8	mg/l	0.7	CWET/EPA 7420
HH-T22-04	30737331	Pb	5.7	mg/l	0.7	CWET/EPA 7420

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Chris Burns
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171413
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001, FORA, HH
Date(s) Collected: 4/13/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
HH-T22-03	30737328	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
HH-T22-04	30737329	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577	P.O. #: 161091001	Date: 4/13/16
	Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
	Due Date: _____ Due Time: _____	
	<input type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac	
Phone #: (510) 346-8860	<input type="checkbox"/> Special Project:	
Fax #: (888) 296-0271	<input checked="" type="checkbox"/> Metals Analysis: Method <u>Waste</u>	
Site: FORA	Matrix: <u>Solid</u>	
Job: HH	Analytes: <u>CAM 17</u>	

Comments / Email Reports To:
 chrisburns@vista-env.com & molli@vista-env.com

Hold for Possible TCLP & STLC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
HH-T22-01	4/13/16	Interior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-02	4/13/16	Exterior Paint	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-03	4/13/16	Ceramic Tile/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
HH-T22-04	4/13/16	CMU-94%, Roofing-4%, Plaster/Stucco/Wallboard/Wood (painted and not)-2%	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
		(% by Weight)	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/13/16 Time: 0900

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: _____ Date / Time: <u>4/13/16, 0900</u>	Relinquished by: _____ Date / Time: _____	Relinquished by: _____ Date / Time: _____
Received by: _____ Date / Time: _____	Received by: _____ Date / Time: _____	Received by: _____ Date / Time: _____
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING RP4451



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4451

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, J, T, U, G3 and I3)	Vinyl Floor Tile/Mastic	9" Gray, Black, Green, Brown, Tan and 12" White, Brown/Black	Throughout Except Basement Mechanical Room, Restrooms, East Stairwell, Laundry Rooms except 1st Floor East, Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	34,000 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
Y	Glazing	Tan, Window	Windows	Class II	Category I - Non-Friable	4,750 SF (118 Windows)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II-Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II-Non-Friable	50 LF
KK	Jacketing	White, Valves	Basement Mechanical Room	Class I	Friable (RACM when Removed)	10 SF (10 Each)
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF
VV	Sealant	White, Cement Exhaust	Roof on "HH"	Class II	Category I - Non-Friable	2 SF

BUILDING RP4451

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
31	1	Outside	North	Door Frame	Metal	Beige	Deteriorated	1.8	mg/cm ²
44	1	Outside	South	Door Frame	Metal	Brown, Dark	Deteriorated	1.3	mg/cm ²
50	1	Outside	North	Door Frame	Metal	Brown, Dark	Deteriorated	3.6	mg/cm ²
69	1	1	North	Door Frame	Metal	Brown	Intact	2.6	mg/cm ²
70	1	1	South	Door Frame	Metal	Brown	Intact	2.5	mg/cm ²
72	1	1	North	Door Frame	Metal	Gray	Intact	1.8	mg/cm ²
86	1	2	South	Door Frame	Metal	Brown	Intact	1.3	mg/cm ²
90	1	3	East	Door Frame	Metal	Brown	Intact	3.1	mg/cm ²
103	1	5	North	Door Frame	Metal	Brown	Deteriorated	1.7	mg/cm ²
123	2	Stairwell E	North	Door Frame	Metal	Brown	Deteriorated	3.9	mg/cm ²
140	2	1	South	Door Frame	Metal	Brown	Intact	3.4	mg/cm ²
151	2	3	South	Door Frame	Metal	Brown	Deteriorated	5.9	mg/cm ²
163	2	4	North	Door Frame	Metal	Brown	Intact	2.6	mg/cm ²
166	2	4	South	Door Frame	Metal	Brown	Intact	2.1	mg/cm ²
176	3	Stairwell W	North	Door Frame	Metal	Brown	Deteriorated	1.8	mg/cm ²
178	3	1	South	Door	Metal	Brown	Intact	1.3	mg/cm ²
187	3	2	South	Door Frame	Metal	Red	Intact	1.5	mg/cm ²
192	3	4	South	Door Frame	Metal	Brown	Intact	3.5	mg/cm ²
194	Roof	Outside		Pipe	Metal	Gray	Intact	82.5	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

BUILDING RP4451

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	418
Other Non-incandescent Lamps	Universal Waste	4
Batteries: Exit Signs	Universal Waste	9
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	1

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells, restrooms and some room walls.

BUILDING RP4451 HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4451-PCBB01	Ballast Capacitor Oil	PCB-1242	150,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4451

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	9" Black/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Pinhole Texture	1
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/White, Large Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	1
J	Vinyl Floor Tile/Mastic	9" Green/Black	1
K	Not Used	Not Used	Not Used
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Wallboard/Joint Compound	White/White	2
Q	Not Used	Not Used	Not Used
R	Acoustic Ceiling Panel	2'x4' White, Pinhole Gouge	1
S	Acoustic Ceiling Panel	2'x4' White, Horizontal Fissure	1
T	Vinyl Floor Tile/Mastic	9" Brown/Black	1
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

BUILDING RP4451

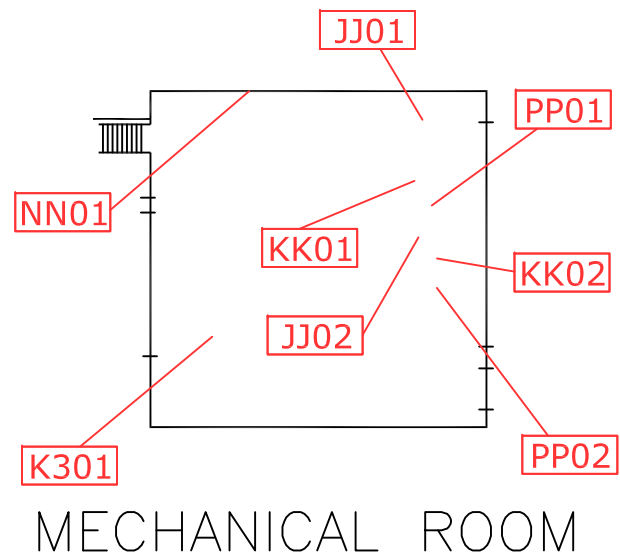
ASBESTOS SAMPLING INVENTORY




HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	1
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Not Used	Not Used	Not Used
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Not Used	Not Used	Not Used
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Not Used	Not Used	Not Used
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

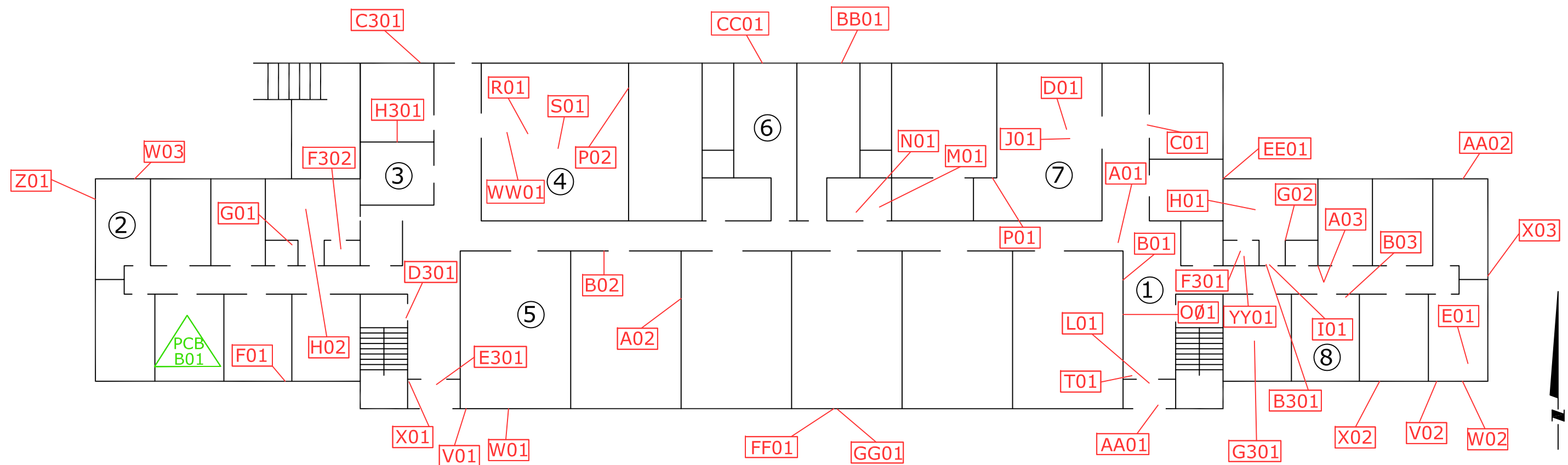
BUILDING RP4451

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Sealant	Black, Expansion Joint	1
VV	Sealant	White, Cement Exhaust	1
WW	Acoustic Ceiling Panel	2'x4' White, Fiberglass	1
XX	Not Used	Not Used	Not Used
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Glazing	White, Windows on Doors, Interior	1
E3	Glazing	White, Windows on Doors, Exterior	1
F3	Wallboard/Joint Compound	Gray/White, Showers	2
G3	Vinyl Floor Tile/Mastic	12" White/Black	1
H3	Mastic	Yellow, Wood Panel	1
I3	Vinyl Floor Tile/Mastic	12" Brown/Black	1
J3	Mastic	Dark Brown, Baseboard	1
K3	Jacketing	White, Breeching	1



LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






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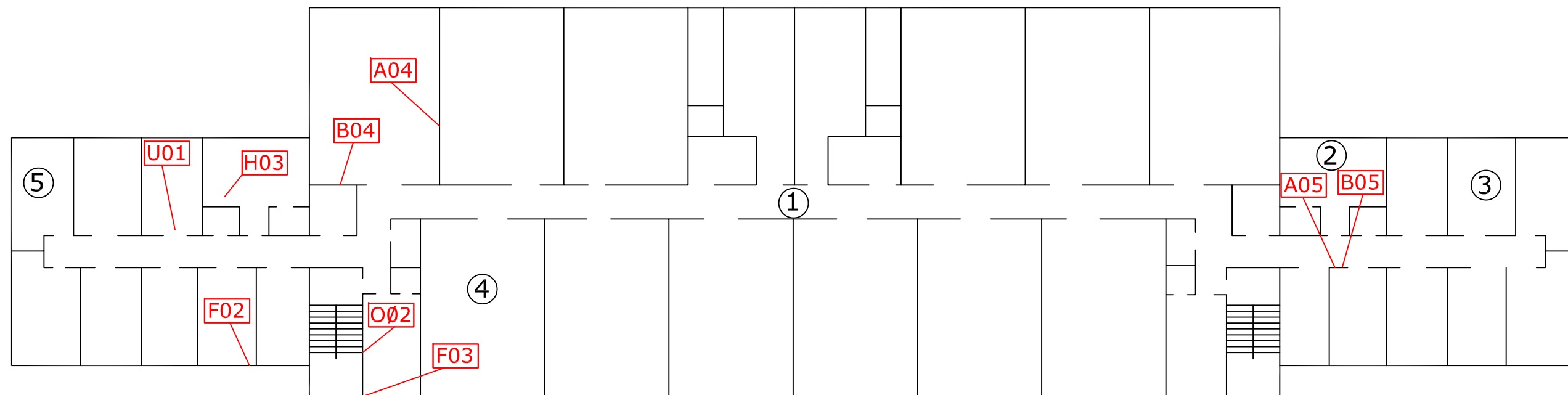
PROJECT TITLE
 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4451
 SAMPLE LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4451

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

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SHEET TITLE

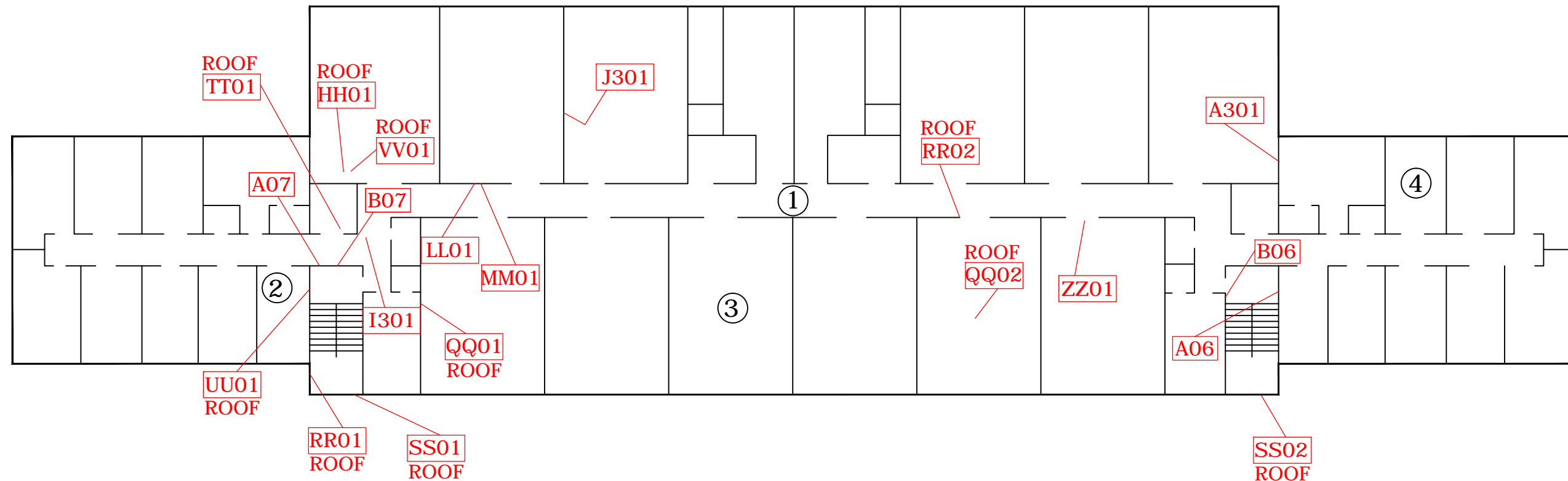
BUILDING RP4451
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE

RP4451

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE

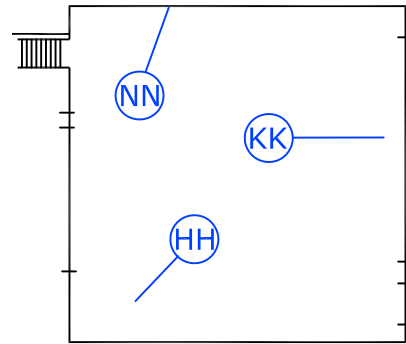
BUILDING RP4451
 SAMPLE LOCATIONS
 THIRD FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

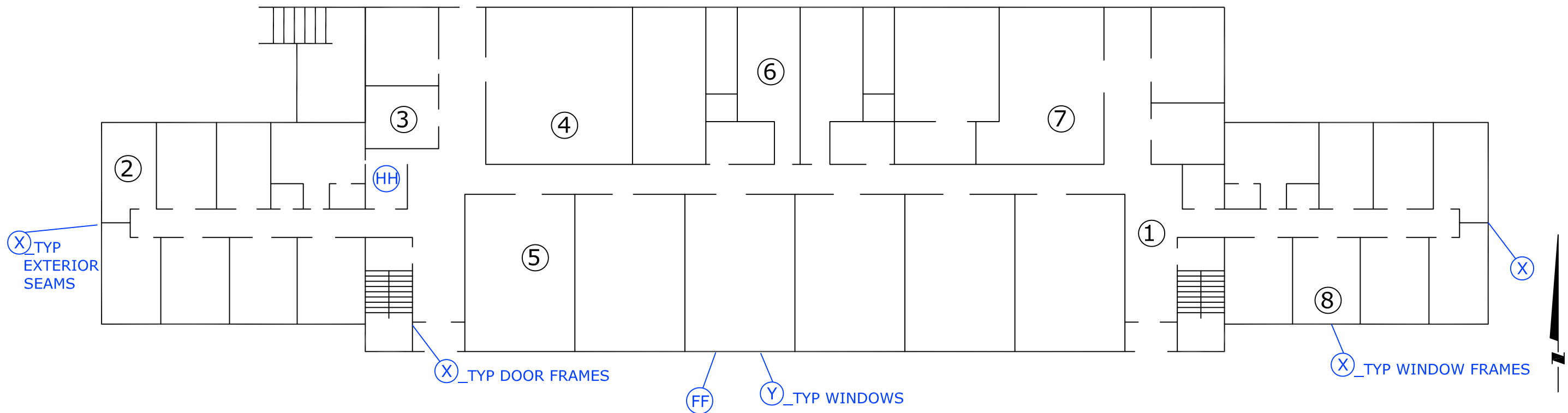
RP4451

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, EAST STAIRWELL, LAUNDRY ROOMS EAST, STORAGE ROOMS AND JANITOR'S CLOSETS.





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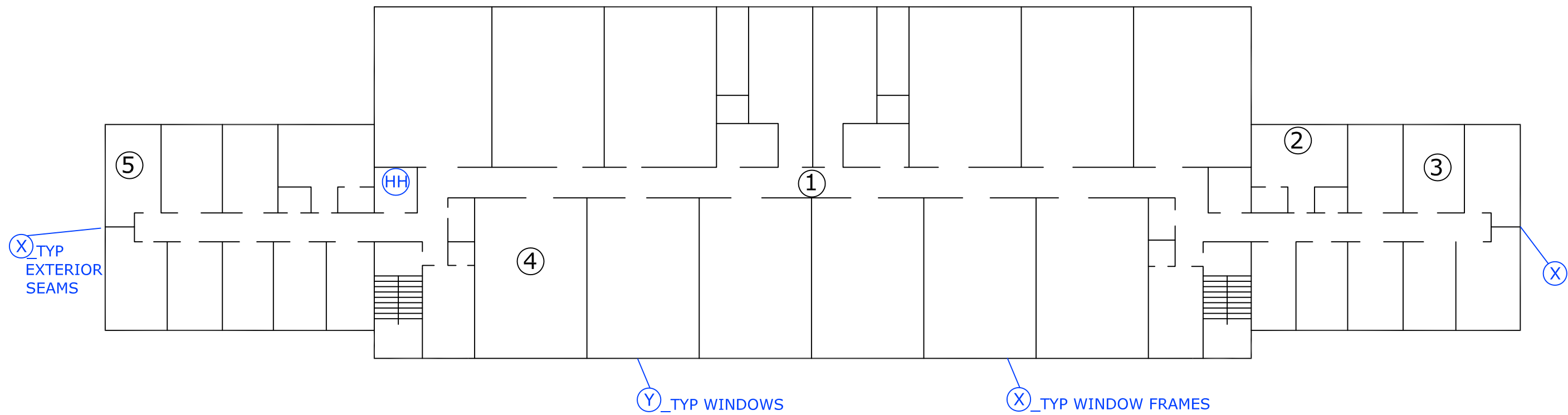
SHEET TITLE
 BUILDING RP4451
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4451

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

(VFT/M) THROUGHOUT EXCEPT RESTROOMS,
EAST STAIRWELL, STORAGE ROOMS
AND JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
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SEASIDE, CALIFORNIA



SHEET TITLE

BUILDING RP4451
MATERIAL LOCATIONS
SECOND FLOOR

SCALE: 1" = 20'
DRAWN BY: ADF
CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4451

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

(VFT/M) THROUGHOUT EXCEPT RESTROOMS,
EAST STAIRWELL, STORAGE ROOMS
AND JANITOR'S CLOSETS.

(HH/VV)_ROOF

(X)_TYP
EXTERIOR
SEAMS

(2)

(3)

(1)

(4)

(X)

(X)_TYP WINDOW FRAMES

(Y)_TYP WINDOWS

(TT)_ROOF_PATCHES,
PENETRATIONS AND
SEAMS



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PROJECT TITLE

FORA
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SHEET TITLE

BUILDING RP4451
MATERIAL LOCATIONS
THIRD FLOOR

SCALE: 1" = 20'
DRAWN BY: ADF
CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4451

BUILDING RP4451
PHOTO DOCUMENTATION



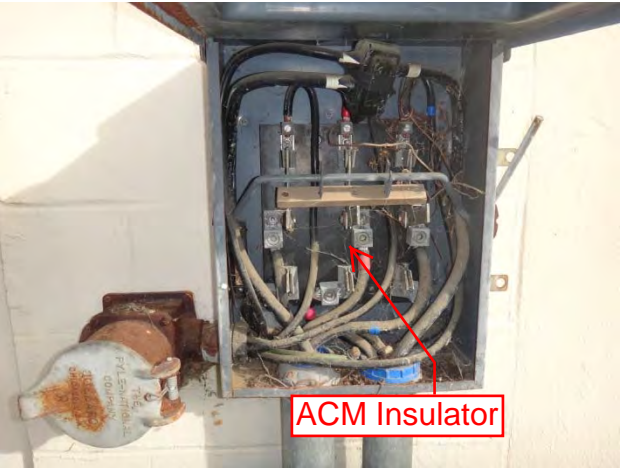
ACM Floor Tile & Mastic



ACM Sealant



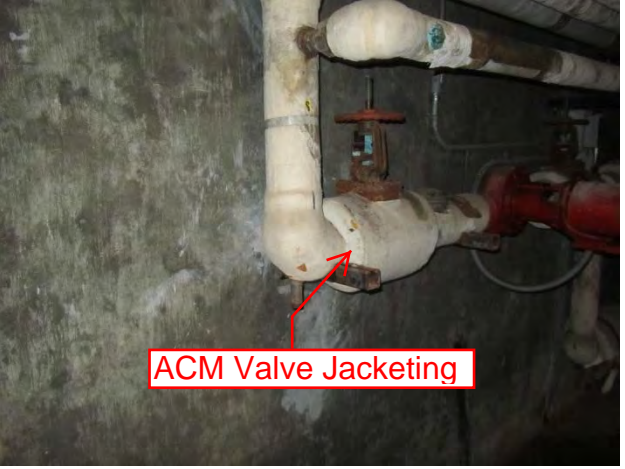
ACM Window Glazing



ACM Insulator

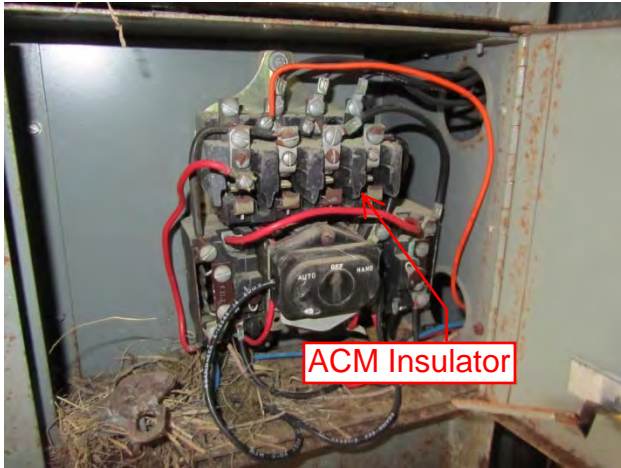


ACM Cement Pipe & Sealant



ACM Valve Jacketing

BUILDING RP4451 PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218255
Date Received: 03/17/16
Date Analyzed: 03/22/16
Date Printed: 03/22/16
First Reported: 03/22/16

Job ID/Site: 161091001 - RP4451

FALI Job ID: L1161
Total Samples Submitted: 89
Total Samples Analyzed: 89

Date(s) Collected: 03/14/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-A01	11742989						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-A02	11742990						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-A03	11742991						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-A04	11742992						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-A05	11742993						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-A06	11742994						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-A07	11742995						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-B01	11742996						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-B02	11742997						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-B03	11742998						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-B04	11742999						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-B05	11743000						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-B06	11743001						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-B07	11743002						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-C01	11743003						
Layer: Tan Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4451-D01	11743004						
Layer: Black Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4451-E01	11743005						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-F01	11743006						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-F02	11743007						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-F03	11743008						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-G01	11743009						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-G02	11743010						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-H01	11743011						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-H02	11743012						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4451-H03	11743013						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-I01	11743014						
Layer: Grey Mortar			ND				
Layer: Black Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-J01	11743015						
Layer: Green Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4451-L01	11743016						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-M01	11743017						
Layer: Black Semi-Fibrous Material			ND				
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (30 %) Synthetic (15 %)							
RP4451-N01	11743018						
Layer: White Tape			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-O01	11743019						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-O02	11743020						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-P01	11743021						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4451-P02	11743022						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-R01	11743023						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
RP4451-S01	11743024						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
RP4451-T01	11743025						
Layer: Brown Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4451-U01	11743026						
Layer: Tan Tile		Chrysotile	Trace				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4451-V01	11743027						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-V02	11743028						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-W01	11743029						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-W02	11743030						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-W03	11743031						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-X01	11743032						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-X02	11743033						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-X03	11743034						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4451-Y01	11743035						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4451-Z01	11743036						
Layer: Red-Brown Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-AA01	11743037						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-AA02	11743038						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-BB01	11743039						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-CC01	11743040						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-EE01	11743041						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-FF01	11743042						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4451-GG01	11743043						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Synthetic (75 %)							
RP4451-HH01	11743044						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (17%)					
Cellulose (Trace)							
RP4451-JJ01	11743045						
Layer: White Woven Material			ND				
Layer: Paint Foil			ND				
Layer: Black Tar			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %) Fibrous Glass (10 %)							
RP4451-JJ02	11743046						
Layer: White Woven Material			ND				
Layer: Paint Foil			ND				
Layer: Black Tar			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %) Fibrous Glass (10 %)							
RP4451-KK01	11743047						
Layer: White Woven Material			ND				
Layer: Grey Semi-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (60 %) Fibrous Glass (20 %)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-KK02	11743048						
Layer: White Woven Material			ND				
Layer: Grey Semi-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (60 %)	Fibrous Glass (20 %)						
RP4451-LL01	11743049						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-MM01	11743050						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4451-NN01	11743051						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4451-PP01	11743052						
Layer: Yellow Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (90 %)						
RP4451-PP02	11743053						
Layer: Yellow Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (90 %)						
RP4451-QQ01	11743054						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-QQ02	11743055						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4451-RR01	11743056						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4451-RR02	11743057						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4451-SS01	11743058						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							
RP4451-SS02	11743059						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-TT01	11743060						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4451-UU01	11743061						
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-VV01	11743062						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4451-WW01	11743063						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (99 %)							
RP4451-YY01	11743064						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (25 %)							
RP4451-ZZ01	11743065						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4451-A301	11743066						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-B301	11743067						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-C301	11743068						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-D301	11743069						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4451-E301	11743070						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-F301	11743071						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4451-F302	11743072						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4451-G301	11743073						
Layer: White Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4451-H301	11743074						
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-I301	11743075						
Layer: Brown Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4451-J301	11743076						
Layer: Dark Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4451-K301	11743077						
Layer: White Woven Material			ND				
Layer: Foil			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (75 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B218255

Date Printed: 03/22/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 3/14/16

LOCATION: RP4451

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	A	01	PAINT/SKIMCOAT	white/white, Concrete		
RP4451	A	02				
RP4451	A	03				
RP4451	A	04				
RP4451	A	05				
RP4451	A	06				
RP4451	A	07				
RP4451	B	01	PAINT/SKIMCOAT	white/gray, CMU		
RP4451	B	02				
RP4451	B	03				

ANALYTICAL METHOD: PLM 400 P.P. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY

1. [Signature]
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3. _____
TRANSFER SIGNATURE

- Chris Burns
LUIS JAVIER ROCHA
PRINTED NAME
- _____
PRINTED NAME
- _____
PRINTED NAME

3/14/16
DATE/TIME





ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 3/14/16

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PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	B	04	PAINT / SKIMCOAT	white / Gray, cmc		
RP4451	B	05				
RP4451	B	06				
RP4451	B	07				
RP4451	C	01	VFT/MAS	9" Gray/Black		
RP4451	D	01	VFT/MAS	9" Black/Black		
RP4451	E	01	ACP	2'x4' white texture, patch		
RP4451	F	01	PAINT / Plaster	white / Gray, Pipe Chase		
RP4451	F	02				
RP4451	P	03				

ANALYTICAL METHOD: PLM ~~466 FT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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SAN LEANDRO, CA 94577

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 3/14/16

LOCATION: RP4451

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	G	01	MORTAR/GROUT	white/white, Large Ceramic wall		
RP4451	G	02		↓		
RP4451	H	01	Paint/Plaster	white/gray, Ceiling		
RP4451	H	02		↓		
RP4451	H	03		↓		
RP4451	I	01	MORTAR/GROUT	Gray & Black/Gray, 1" Ceramic Floor		
RP4451	J	01	VEH/MAS	gll Green/Black		
RP4451	L	01	Mortar/GROUT	gray/gray, 4" Quarry Tile		
RP4451	M	01	Flex Joint	white, Road		
RP4451	N	01	Tape	white, Duct		

ANALYTICAL METHOD: PLM 400 PFCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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PRINTED NAME

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DATE/TIME

DATE/TIME RECEIVED

DATE/TIME





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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 3/14/16

LOCATION: RP4451

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	O	01	JOINT Compound	CMU patches		
RP4451	O	02	↓	↓		
RP4451	P	01	UBWC	white/white		
RP4451	P	02	↓	↓		
RP4451	R	01	ACP	2x4' white pinhole bouse		
RP4451	S	01	ACP	2x4' white horizontal fissure		
RP4451	T	01	VFT	9" Brown/Black		
RP4451	U	01	VFT	9" TAN/Black		
RP4451	V	01	Paper/CMU/Mortar	white/gray/gray		
RP4451	V	02	↓	↓		

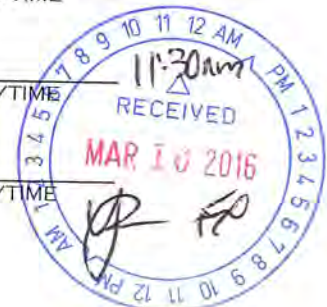
ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 3/14/16

LOCATION: RP4451

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	W	01	Paint/Stucco	White/Gray		
RP4451	W	02	↓	↓		
RP4451	W	03	↓	↓		
RP4451	X	01	Sealant	Gray, Ext Door Frames Window Frames & Seams		
RP4451	X	02	↓	↓		
RP4451	X	03	↓	↓		
RP4451	Y	01	Glazing	TAN, window		
RP4451	2	01	Gasket	Red, Round		
RP4451	AA	01	Concrete	Gray, Structural		
RP4451	AA	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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3/14/16
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DATE/TIME





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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 3/14/16

LOCATION: RP4451

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	BB	01	Sealant	Gray, "Goopy" Louver		
RP4451	CC	01	Sealant	Clear, Gray, "Silicon Like"		
RP4451	EE	01	Sealant	Gray, Expansion joint		
RP4451	FF	01	INSULATOR	Black, Elect. Box		
RP4451	GG	01	INSULATOR	Brown, Elect Box		
RP4451	HH	01	Cement Pipe	Gray, 20" O.D.		
RP4451	JJ	01	Jacketing Mastic	White/Black, Pipe		
RP4451	JJ	02	↓	↓		
RP4451	KK	01	Jacketing	white, Valve		
RP4451	KK	02	↓	↓		

ANALYTICAL METHOD: PLM ~~GC/MS~~ ~~COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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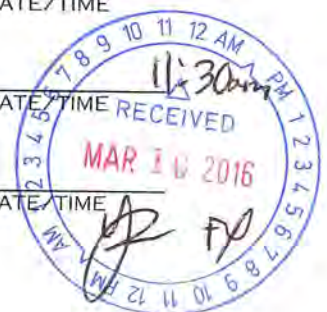
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 3/14/16

LOCATION: RP4451

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	SS	02	FLASHING	Black, T&G		
RP4451	TT	01	MASTIC	Gray & black, penetrations & seams		
RP4451	UU	01	SEALANT	black, expansion joint		
RP4451	VV	01	SEALANT	white, cement pipe exhaust		
RP4451	WW	01	ACP	2'x4' white, fiberglass		
RP4451	YY	01	GASKET	black, shower lights		
RP4451	ZZ	01	INSULATION	Brown, fire door		
RP4451	A3	01	SEALANT	Gray, roof flashing		
RP4451	B3	01	VAPOR BARRIER	Black, under 1" ceramic		
RP4451	C3	01	VAPOR BARRIER	Black, concrete foundation		

ANALYTICAL METHOD: PLM ~~400 PPT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 3/14/16

LOCATION: RP4451

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4451	D3	01	Glazing	White, window	ON DOOR MIT	
RP4451	E3	01	Glazing		↓ , EXT	
RP4451	F3	01	WBNC	Gray/White	Shower ceiling	
RP4451	F3	02		↓	↓	
RP4451	G3	01	VFT/mas	12" white	Black	
RP4451	H3	01	Mastic	Yellow	wood frame l.	
RP4451	I3	01	VFT/mas	12" Brown	Black	
RP4451	J3	01	Mastic	DK Brown	baseboard	
RP4451	K3	01	Jacking	white	breaching	
RP4451						89 samples

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

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PAGE 9 OF 109



**FORA
RP4451
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					CALIBRATE				Positive	1	mg/cm ²
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
28	RP 4451	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
29	RP 4451	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
30	RP 4451	1	OUTSIDE	NORTH	DOOR	METAL	BEIGE	DETERIORATED	Negative	0.09	mg/cm ²
31	RP 4451	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BEIGE	DETERIORATED	Positive	1.8	mg/cm ²
32	RP 4451	1	OUTSIDE	NORTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.3	mg/cm ²
33	RP 4451	1	OUTSIDE	NORTH	EAVE	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
34	RP 4451	1	OUTSIDE	NORTH	FLOOR	CONCRETE	RED	DETERIORATED	Negative	0.23	mg/cm ²
35	RP 4451	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
36	RP 4451	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
37	RP 4451	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
38	RP 4451	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
39	RP 4451	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
40	RP 4451	1	OUTSIDE	SOUTH	WALL PANEL	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
41	RP 4451	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
42	RP 4451	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.4	mg/cm ²
43	RP 4451	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.19	mg/cm ²
44	RP 4451	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN, DARK	DETERIORATED	Positive	1.3	mg/cm ²
45	RP 4451	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN, DARK	DETERIORATED	Negative	0.01	mg/cm ²
46	RP 4451	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BROWN, DARK	DETERIORATED	Negative	0.5	mg/cm ²
47	RP 4451	1	OUTSIDE	WEST	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
48	RP 4451	1	OUTSIDE	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
49	RP 4451	1	OUTSIDE	NORTH	DOOR	WOOD	BROWN, DARK	DETERIORATED	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4451
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
50	RP 4451	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN, DARK	DETERIORATED	Positive	3.6	mg/cm ²
51	RP 4451	1	OUTSIDE	NORTH	VENT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
52	RP 4451	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
53	RP 4451	1	1	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.06	mg/cm ²
54	RP 4451	1	1	WEST	DOOR	WOOD	BROWN	INTACT	Negative	0.6	mg/cm ²
55	RP 4451	1	1	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
56	RP 4451	1	1	WEST	RADIATOR	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
57	RP 4451	1	1	EAST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.03	mg/cm ²
58	RP 4451	1	1		FLOOR	VINYL	BROWN	INTACT	Negative	0	mg/cm ²
59	RP 4451	1	1		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
60	RP 4451	1	1	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
61	RP 4451	1	1	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
62	RP 4451	1	1	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.05	mg/cm ²
63	RP 4451	1	1	SOUTH	FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.02	mg/cm ²
64	RP 4451	1	1	SOUTH	CHASE	PLASTER	WHITE	INTACT	Negative	0.03	mg/cm ²
65	RP 4451	1	1	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
66	RP 4451	1	1	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
67	RP 4451	1	1	NORTH	EXPANSION JOINT	METAL	WHITE	INTACT	Negative	0.09	mg/cm ²
68	RP 4451	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
69	RP 4451	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.6	mg/cm ²
70	RP 4451	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.5	mg/cm ²
71	RP 4451	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
72	RP 4451	1	1	NORTH	DOOR FRAME	METAL	GRAY	INTACT	Positive	1.8	mg/cm ²
73	RP 4451	1	1	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
74	RP 4451	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²

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**FORA
RP4451
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
75	RP 4451	1	1	EAST	DOOR FRAME	METAL	BROWN, DARK	INTACT	Negative	0.3	mg/cm ²
76	RP 4451	1	1	EAST	DOOR	METAL	BROWN, DARK	INTACT	Negative	0.4	mg/cm ²
77	RP 4451	1	1	EAST	BASEBOARD	CERAMIC	BROWN, DARK	INTACT	Negative	0.01	mg/cm ²
78	RP 4451	1	1		FLOOR	VINYL	BLACK	INTACT	Negative	0.01	mg/cm ²
79	RP 4451	1	1	WEST	WALL	CONCRETE	GRAY	INTACT	Negative	0.03	mg/cm ²
80	RP 4451	1	1	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0.03	mg/cm ²
81	RP 4451	1	2	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
82	RP 4451	1	2	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
83	RP 4451	1	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.24	mg/cm ²
84	RP 4451	1	2	NORTH	RADIATOR	METAL	WHITE	INTACT	Negative	0.13	mg/cm ²
85	RP 4451	1	2	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
86	RP 4451	1	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²
87	RP 4451	1	2	SOUTH	SHELF	WOOD	WHITE	INTACT	Negative	0.06	mg/cm ²
88	RP 4451	1	3	SOUTH	CABINET	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
89	RP 4451	1	3	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
90	RP 4451	1	3	EAST	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.1	mg/cm ²
91	RP 4451	1	4	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
92	RP 4451	1	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
93	RP 4451	1	4	WEST	WAINSCOT	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
94	RP 4451	1	4	WEST	BASEBOARD	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
95	RP 4451	1	4	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.17	mg/cm ²
96	RP 4451	1	4	NORTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
97	RP 4451	1	4		CABINET	WOOD	VARNISH	INTACT	Negative	0.01	mg/cm ²
98	RP 4451	1	5	SOUTH	WALL	WOOD	WHITE	INTACT	Negative	0.09	mg/cm ²
99	RP 4451	1	5	SOUTH	TRIM	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²

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**FORA
RP4451
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
100	RP 4451	1	5	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
101	RP 4451	1	5	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
102	RP 4451	1	5	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
103	RP 4451	1	5	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.7	mg/cm ²
104	RP 4451	1	6	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
105	RP 4451	1	6	EAST	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
106	RP 4451	1	6		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
107	RP 4451	1	6		CEILING	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
108	RP 4451	1	6	NORTH	STALL	METAL	GRAY	INTACT	Negative	0.08	mg/cm ²
109	RP 4451	1	6		DUCT	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
110	RP 4451	1	6		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
111	RP 4451	1	6	NORTH	RADIATOR	METAL	GRAY	INTACT	Negative	0.2	mg/cm ²
112	RP 4451	1	7	NORTH	HVAC	METAL	WHITE	INTACT	Negative	0	mg/cm ²
113	RP 4451	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
114	RP 4451	1	7	WEST	WALL	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
115	RP 4451	1	7	WEST	BASEBOARD	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
116	RP 4451	1	7	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
117	RP 4451	1	7	SOUTH	CABINET	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
118	RP 4451	1	8	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
119	RP 4451	1	8	SOUTH	COLUMN	PLASTER	WHITE	DETERIORATED	Negative	0	mg/cm ²
120	RP 4451	1	8	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
121	RP 4451	1	8	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
122	RP 4451	1	8	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
123	RP 4451	2	STAIRWELL E	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	3.9	mg/cm ²
124	RP 4451	2	STAIRWELL E	NORTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.02	mg/cm ²

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**FORA
RP4451
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
125	RP 4451	2	STAIRWELL E	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
126	RP 4451	2	STAIRWELL E	WEST	WALL	CONCRETE	RED	INTACT	Negative	0.1	mg/cm ²
127	RP 4451	2	STAIRWELL E	WEST	HAND RAIL	METAL	RED	DETERIORATED	Negative	0.5	mg/cm ²
128	RP 4451	2	STAIRWELL E	EAST	STAIRS	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
129	RP 4451	2	STAIRWELL E	EAST	BEAM	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
130	RP 4451	2	STAIRWELL E		CEILING	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
131					CALIBRATE				Positive	1.1	mg/cm ²
132					CALIBRATE				Positive	1	mg/cm ²
133					CALIBRATE				Positive	1	mg/cm ²
134										2.84	mg/cm ²
135					CALIBRATE				Positive	1.1	mg/cm ²
136					CALIBRATE				Negative	0.9	mg/cm ²
137					CALIBRATE				Positive	1.1	mg/cm ²
138	RP 4451	2	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
139	RP 4451	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
140	RP 4451	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.4	mg/cm ²
141	RP 4451	2	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
142	RP 4451	2	1	SOUTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.03	mg/cm ²
143	RP 4451	2	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
144	RP 4451	2	2		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.1	mg/cm ²
145	RP 4451	2	2		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
146	RP 4451	2	2	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
147	RP 4451	2	2	NORTH	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
148	RP 4451	2	2	NORTH	RADIATOR	METAL	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
149	RP 4451	2	2		FLOOR	CERAMIC	BROWN	INTACT	Negative	0.01	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4451
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
150	RP 4451	2	2	EAST	STALL	METAL	GRAY	INTACT	Negative	0.3	mg/cm ²
151	RP 4451	2	3	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	5.9	mg/cm ²
152	RP 4451	2	3	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
153	RP 4451	2	3	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
154	RP 4451	2	3	EAST	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
155	RP 4451	2	3	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
156	RP 4451	2	3	NORTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
157	RP 4451	2	3	NORTH	COLUMN	PLASTER	WHITE	DETERIORATED	Negative	0	mg/cm ²
158	RP 4451	2	4	WEST	BEAM	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
159	RP 4451	2	4	WEST	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
160	RP 4451	2	4	SOUTH	WINDOW SILL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
161	RP 4451	2	4	SOUTH	RADIATOR	METAL	BLUE	INTACT	Negative	0.02	mg/cm ²
162	RP 4451	2	4	EAST	CABINET	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
163	RP 4451	2	4	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.6	mg/cm ²
164	RP 4451	2	4	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
165	RP 4451	2	4	WEST	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
166	RP 4451	2	4	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.1	mg/cm ²
167	RP 4451	2	4	SOUTH	SHELF	WOOD	WHITE	INTACT	Negative	0.08	mg/cm ²
168	RP 4451	2	4	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
169	RP 4451	2	4	SOUTH	BEAM	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
170	RP 4451	2	4		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
171	RP 4451	3	STAIRWELL W	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
172	RP 4451	3	STAIRWELL W	WEST	BASEBOARD	CONCRETE	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
173	RP 4451	3	STAIRWELL W	WEST	HAND RAIL	METAL	BROWN	INTACT	Negative	0.14	mg/cm ²
174	RP 4451	3	STAIRWELL W		STAIRS	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4451
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
175	RP 4451	3	STAIRWELL W	EAST	LADDER	METAL	BROWN	DETERIORATED	Negative	0.12	mg/cm ²
176	RP 4451	3	STAIRWELL W	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.8	mg/cm ²
177	RP 4451	3	STAIRWELL W	EAST	DOOR	METAL	BROWN	DETERIORATED	Negative	0.4	mg/cm ²
178	RP 4451	3	1	SOUTH	DOOR	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²
179	RP 4451	3	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
180	RP 4451	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
181	RP 4451	3	1	SOUTH	EXPANSION JOINT	METAL	WHITE	INTACT	Negative	0.02	mg/cm ²
182	RP 4451	3	1		EXPANSION JOINT	METAL	BLACK	INTACT	Negative	0.09	mg/cm ²
183	RP 4451	3	1	NORTH	WALL PANEL	METAL	BROWN	INTACT	Negative	0.1	mg/cm ²
184	RP 4451	3	2	NORTH	WALL	CONCRETE	RED	INTACT	Negative	0.06	mg/cm ²
185	RP 4451	3	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
186	RP 4451	3	2	WEST	SHELF	WOOD	RED	INTACT	Negative	0.08	mg/cm ²
187	RP 4451	3	2	SOUTH	DOOR FRAME	METAL	RED	INTACT	Positive	1.5	mg/cm ²
188	RP 4451	3	2		FLOOR	CONCRETE	RED	INTACT	Negative	0.12	mg/cm ²
189	RP 4451	3	3	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
190	RP 4451	3	3	SOUTH	TRIM	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
191	RP 4451	3	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
192	RP 4451	3	4	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.5	mg/cm ²
193	RP 4451	3	4	SOUTH	DOOR	METAL	WHITE	INTACT	Negative	0	mg/cm ²
194	RP 4451	ROOF	OUTSIDE		PIPE	METAL	GRAY	INTACT	Positive	82.5	mg/cm ²
347					CALIBRATE				Positive	1	mg/cm ²
348					CALIBRATE				Positive	1	mg/cm ²
349					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

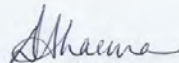
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71417-1
Client Project/Site: FORA RP4451

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/12/2016 3:46:20 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Job ID: 720-71417-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71417-1

Comments

No additional comments.

Receipt

The sample was received on 4/8/2016 2:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.4° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (LCS 720-200289/2-A), (LCSD 720-200289/3-A) and (MB 720-200289/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: RP4451-PCBB01 (720-71417-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: RP4451-PCBB01 (720-71417-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Client Sample ID: RP4451-PCBB01

Lab Sample ID: 720-71417-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	150000000		36000000		ug/Kg	100000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Client Sample ID: RP4451-PCBB01

Lab Sample ID: 720-71417-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:35	100000
PCB-1221	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:35	100000
PCB-1232	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:35	100000
PCB-1242	150000000		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:35	100000
PCB-1248	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:35	100000
PCB-1254	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:35	100000
PCB-1260	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:35	100000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/11/16 21:51	04/12/16 12:35	100000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/11/16 21:51	04/12/16 12:35	100000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71417-1	RP4451-PCBB01	0 X D	0 X D
LCS 720-200289/2-A	Lab Control Sample	58	84
LCSD 720-200289/3-A	Lab Control Sample Dup	65	85
MB 720-200289/1-A	Method Blank	55	83

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200289/1-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1221	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1232	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1242	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1248	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1254	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1260	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		32 - 112	04/11/16 14:42	04/12/16 00:57	1
DCB Decachlorobiphenyl	83		2 - 122	04/11/16 14:42	04/12/16 00:57	1

Lab Sample ID: LCS 720-200289/2-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	101		ug/Kg		75	55 - 112
PCB-1260	133	110		ug/Kg		82	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	58		32 - 112
DCB Decachlorobiphenyl	84		2 - 122

Lab Sample ID: LCSD 720-200289/3-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	133	105		ug/Kg		79	55 - 112	5	20
PCB-1260	133	113		ug/Kg		85	65 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	65		32 - 112
DCB Decachlorobiphenyl	85		2 - 122

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

GC Semi VOA

Analysis Batch: 200260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	8082	200289
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	200289
MB 720-200289/1-A	Method Blank	Total/NA	Solid	8082	200289

Prep Batch: 200289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71417-1	RP4451-PCBB01	Total/NA	Solid	3550B	
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 720-200289/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71417-1	RP4451-PCBB01	Total/NA	Solid	8082	200289

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Client Sample ID: RP4451-PCBB01

Lab Sample ID: 720-71417-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200289	04/11/16 21:51	JEP	TAL PLS
Total/NA	Analysis	8082		100000	200345	04/12/16 12:35	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
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- 5
- 6
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- 8
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- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4451

TestAmerica Job ID: 720-71417-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71417-1	RP4451-PCBB01	Solid	04/08/16 11:00	04/08/16 14:30

1

2

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11

12

13

14

15

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DIV NPDES RCRA Other

720-71417

COC No. of COCs

Client Contact
Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8860
888-296-0271 FAX
FORA

Project Manager: Chris Burns
Tel/Fax:
Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Site Contact:
Lab Contact:

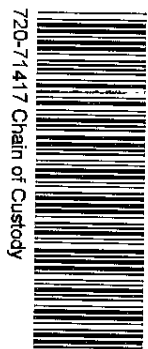
Date:

Sampler:
Walk-In Client:
Lab Sampling:
Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-emb)	Matrix	# of Cont.
PP451 -PCBB01	4/8/2016	1100 G		Solid	1

Filtered Sample (Y / N)
Perform MS / MSD (Y / N)
8082 (3650 B or C)

Sample Specific Notes:



720-71417 Chain of Custody

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other 1
Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Non-hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & molli@vista-env.com

Custody Seals Intact: Yes No
Custody Seal No.:
Cooler Temp. (°C): Obs'd: _____ Cor'd: _____ Therm ID No.: 1742

Relinquished by: *[Signature]* Vista Company: Vista Date/Time: 4/16/16
Relinquished by: *[Signature]* Vista Company: Vista Date/Time: 4/8/16 1430

Relinquished by: *[Signature]* Company: Vista Date/Time: 4/8/16 1430
Received in Laboratory by: *[Signature]* Company: Vista Date/Time: 4/8-16/1430

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71417-1

Login Number: 71417

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
Zn	40	mg/kg	10	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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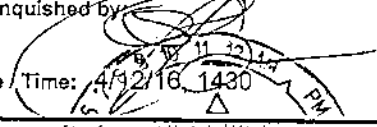
Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: 161091001 Date: 4/12/16
		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day
		Due Date: _____ Due Time: _____
		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402	
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %	
	<input type="checkbox"/> TEM Microvac	
	<input type="checkbox"/> Special Project:	
Site: FORA	<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u>	
Job: RP	Matrix: <u>Solid</u>	
	Analytes: <u>CAM17</u>	

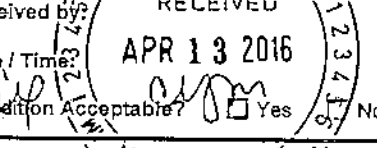
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by:  Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
--	----------------------------------	----------------------------------

Received by:  Date / Time: <u>APR 13 2016</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No
--	--	--

BUILDING RP4452



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4452

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, J, T, U)	Vinyl Floor Tile/Mastic	9" Beige, Black, Green, Brown, Tan/Black	Throughout Except Basement, Restrooms, Stairwell, Laundry Rooms except 1st Floor East, Storage Rooms and Janitor's Closets Except 2nd Floor East	Class II	Category I - Non-Friable	33,750 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II-Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II-Non-Friable	50 LF
II	Insulation	White, Tank	Basement Mechanical Room	Class I	Friable (RACM when Removed)	300 SF
KK	Jacketing	White, Valves	Basement Mechanical Room	Class I	Friable (RACM when Removed)	10 SF (10 Each)
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF

BUILDING RP4452

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
9	1	Outside	South	Stairs	Concrete	Yellow	Deteriorated	14	mg/cm ²
10	1	Outside	South	Hand Rail	Metal	Brown, Light	Deteriorated	3.3	mg/cm ²
12	1	Outside	South	Door Frame	Metal	Brown, Light	Deteriorated	1.1	mg/cm ²
16	1	Outside	South	Pipe	Metal	Yellow	Deteriorated	7.4	mg/cm ²
30	1	1	West	Wall	Concrete	White	Intact	1.5	mg/cm ²
31	1	1	West	Wall	Concrete	Tan	Intact	1.3	mg/cm ²
69	1	3	South	Wall	Ceramic	Beige	Intact	5.6	mg/cm ²
97	1	9	West	Wall	Concrete	Brown	Intact	2	mg/cm ²
98	1	9	West	Wall	Concrete	White	Intact	1.9	mg/cm ²
99	1	9	East	Wall	Concrete	White	Intact	2.2	mg/cm ²
100	1	9	North	Column	Concrete	White	Intact	1.8	mg/cm ²
101	1	9	North	Column	Plaster	White	Intact	2.2	mg/cm ²
102	1	9	North	Window Sill	Concrete	Tan	Intact	1.5	mg/cm ²
103	1	10	North	Wall	Concrete	White	Intact	2.1	mg/cm ²
104	1	11	East	Wall	Concrete	White	Intact	2.7	mg/cm ²
113	1	Stairwell E	West	Door Frame	Metal	Brown	Intact	1.4	mg/cm ²
119	2	1	South	Expansion Joint	Metal	White	Intact	1.2	mg/cm ²
121	2	1	South	Door Frame	Metal	Brown	Intact	1.1	mg/cm ²
128	2	1	South	Door Frame	Metal	Brown	Intact	1.6	mg/cm ²
129	2	2	North	Door Frame	Metal	Brown	Intact	1.2	mg/cm ²
136	2	4	North	Wall	Ceramic	Tan	Intact	6.4	mg/cm ²
140	2	5	West	Cabinet	Wood	Tan	Intact	1.1	mg/cm ²
141	2	5	North	Wall	Concrete	Tan	Intact	1.4	mg/cm ²
142	2	6	North	Wall	Concrete	Yellow	Intact	1.1	mg/cm ²
143	2	6	West	Cabinet	Wood	Yellow	Intact	2.2	mg/cm ²
149	3	1	North	Door Frame	Metal	Brown	Intact	2.1	mg/cm ²

BUILDING RP4452 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
151	3	2	South	Wall	Concrete	White	Intact	1	mg/cm ²
153	3	3	North	Wall	Concrete	White	Intact	1.1	mg/cm ²
154	3	4	West	Wall	Concrete	Beige	Intact	1.3	mg/cm ²
155	3	5	West	Wall	Concrete	White	Intact	2.4	mg/cm ²
156	3	6	West	Wall	Concrete	White	Intact	3.2	mg/cm ²
164	Roof	Outside		Pipe	Metal	Gray	Intact	80.2	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

BUILDING RP4452

HAZARDOUS MATERIALS SUMMARY

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	473
Other Non-Incandescent Lamps	Universal Waste	9
Batteries: Exit Signs	Universal Waste	8
Light Fixture Ballasts	Polychlorinated Biphenyls	252
Water Coolers/Fountains	Ozone Depleting Chemicals	3

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells, restrooms and some room walls.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4452-PCBB01	Ballast Capacitor Oil	PCB-1242	170,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4452

ASBESTOS SAMPLING INVENTORY




HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Beige/Black	1
D	Vinyl Floor Tile/Mastic	9" Black/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Fiberglass	2
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/White, 4" Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	2
J	Vinyl Floor Tile/Mastic	9" Green/Black	1
K	Acoustic Ceiling Panel	2'x4' White, Chicken Feet	2
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	2
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Wallboard/Joint Compound	White/White	2
Q	Basecove/Mastic	4" Black/Black	2
R	Acoustic Ceiling Panel	2'x4' White, Lateral Fissure	1
S	Acoustic Ceiling Panel	2'x4' White, Horizontal Fissure	1
T	Vinyl Floor Tile/Mastic	9" Brown/Black	1
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

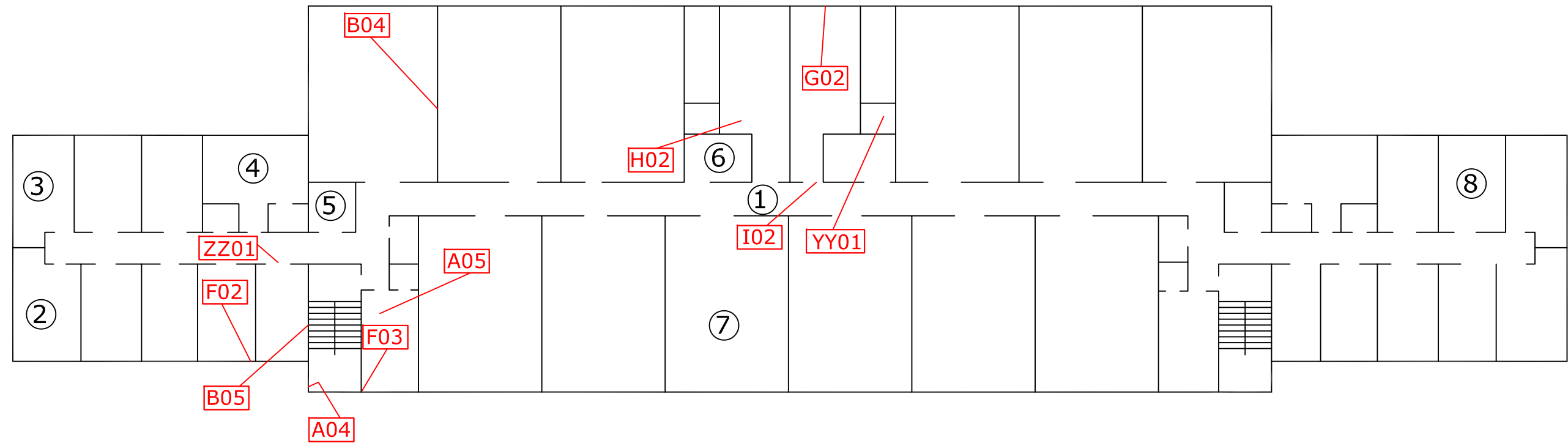
BUILDING RP4452 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	2
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	Black, Windows on Doors	1
EE	Sealant	Gray, Expansion Joint	2
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Insulation	White, Tank	1
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

**BUILDING RP4452
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Sealant	Black, Expansion Joint	1
VV	Sealant	White, Cement Exhaust	1
WW	Acoustic Ceiling Panel	2'x4' White, Random Pinhole	1
XX	Acoustic Ceiling Panel	2'x4' White, Solid	1
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Glazing	White, Window on Doors, Interior	1
E3	Glazing	White, Window on Doors, Exterior	1
F3	Wallboard/Joint Compound	Gray/White, Showers	2

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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 SAN LEANDRO, CA 94577
 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



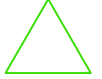
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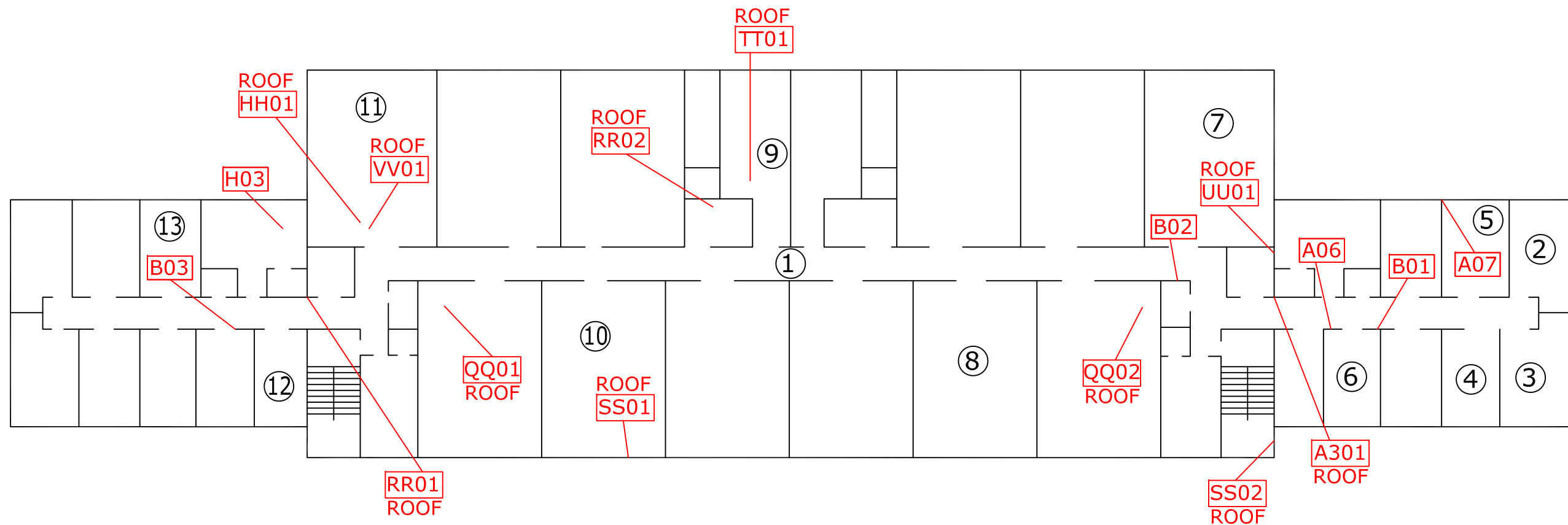
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 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4452

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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SHEET TITLE

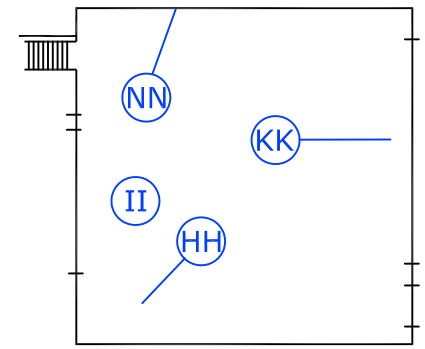
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 SAMPLE LOCATIONS
 THIRD FLOOR

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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

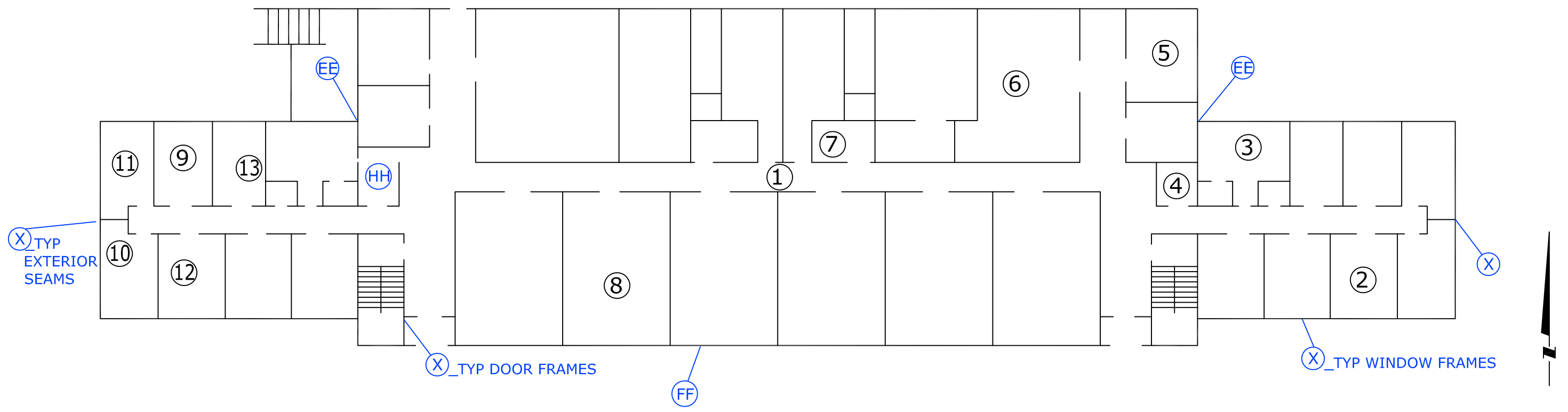
RP4452

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, EAST STAIRWELL, LAUNDRY ROOMS EAST, STORAGE ROOMS AND JANITOR'S CLOSETS.





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PROJECT TITLE
 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

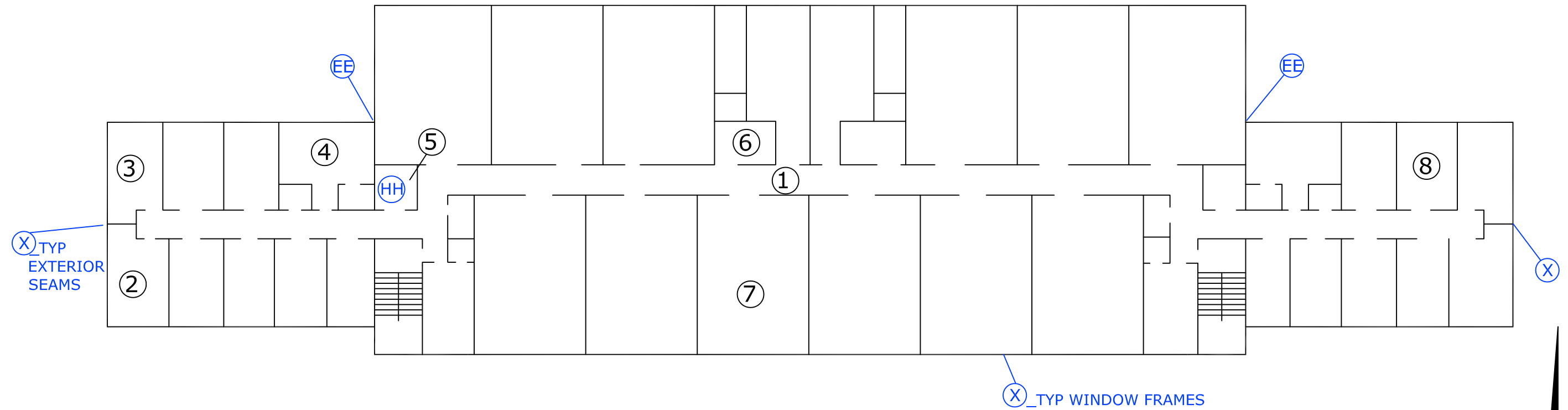
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 BUILDING RP4452
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4452

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS,
STAIRWELLS, STORAGE ROOMS AND
JANITOR'S CLOSETS.



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PROJECT TITLE

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SHEET TITLE

BUILDING RP4452
MATERIAL LOCATIONS
SECOND FLOOR

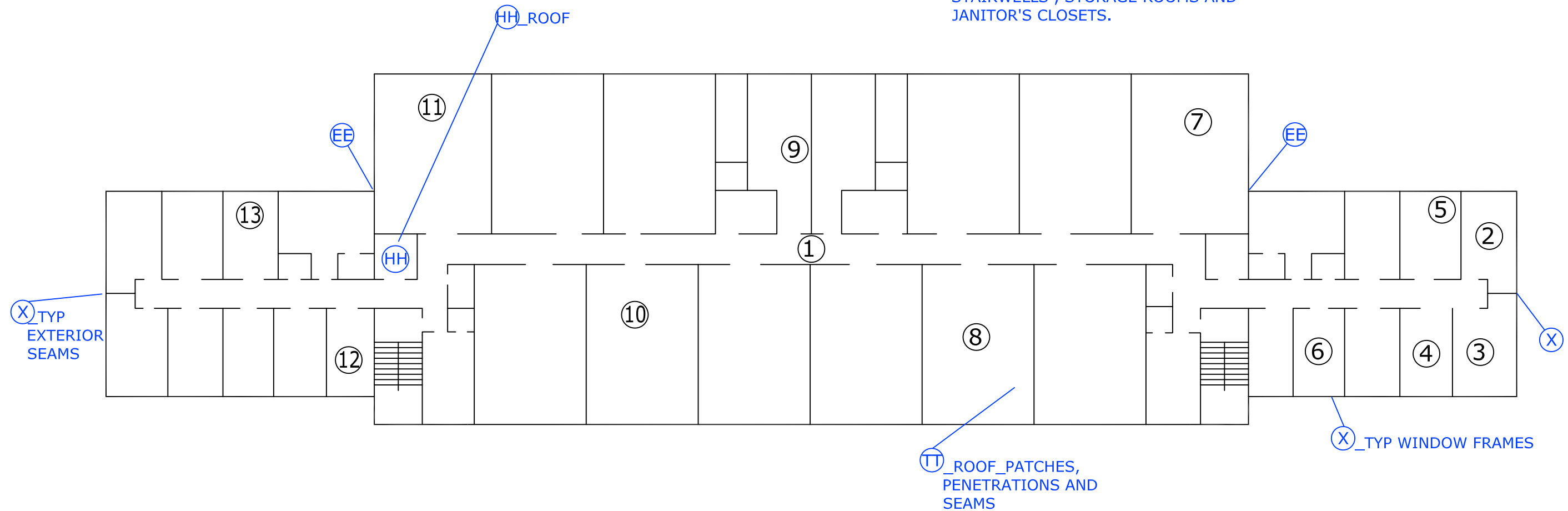
SCALE: 1" = 20'
DRAWN BY: ADF
CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4452

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS, STAIRWELLS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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PROJECT TITLE

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SHEET TITLE

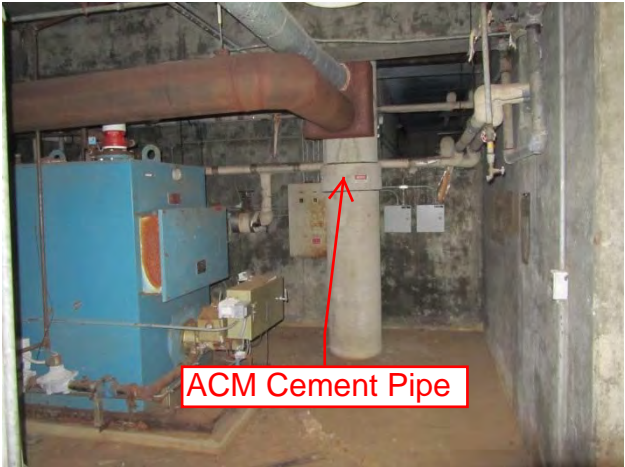
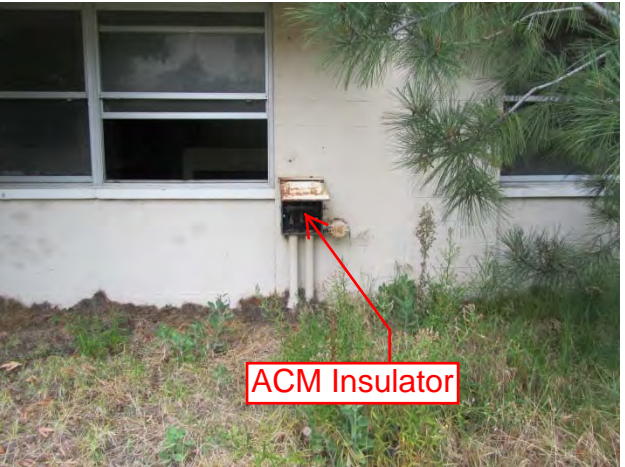
BUILDING RP4452
 MATERIAL LOCATIONS
 THIRD FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

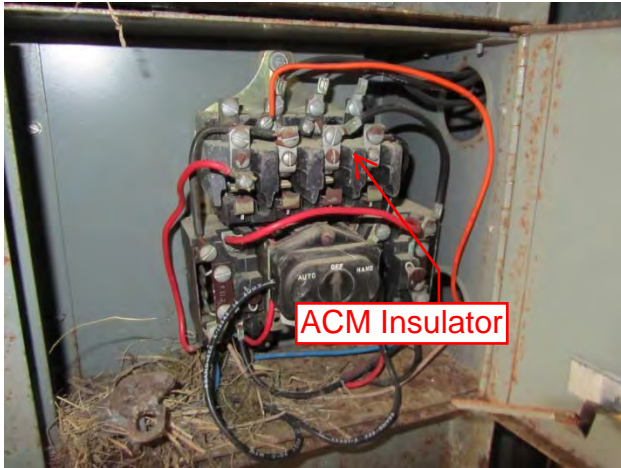
FIGURE

RP4452

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PHOTO DOCUMENTATION



BUILDING RP4452
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B216913
Date Received: 02/19/16
Date Analyzed: 02/24/16
Date Printed: 02/24/16
First Reported: 02/24/16

Job ID/Site: 161091001 - FORA, RP4452

FALI Job ID: L1161
Total Samples Submitted: 92
Total Samples Analyzed: 92

Date(s) Collected: 02/18/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-A01	11732552						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-A02	11732553						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-A03	11732554						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-A04	11732555						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-A05	11732556						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-A06	11732557						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-A07	11732558						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-B01	11732559						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-B02	11732560						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4452-B03	11732561						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4452-B04	11732562						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4452-B05	11732563						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4452-B06	11732564						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4452-B07	11732565						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4452-C01	11732566						
Layer: Beige Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (5%)					
RP4452-D01	11732567						
Layer: Black Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					
RP4452-E01	11732568						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-E02	11732569						
Layer: Yellow Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
RP4452-F01	11732570						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-F02	11732571						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-F03	11732572						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-G01	11732573						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-G02	11732574						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-H01	11732575						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-H02	11732576						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-H03	11732577						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-I01	11732578						
Layer: Dark Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-I02	11732579						
Layer: Dark Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-J01	11732580						
Layer: Green Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4452-K01	11732581						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4452-L01	11732582						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-L02	11732583						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-M01	11732584						
Layer: Black Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (60 %)							
RP4452-N01	11732585						
Layer: Grey Tape			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-O01	11732586						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-O02	11732587						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-P01	11732588						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4452-P02	11732589						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4452-Q01	11732590						
Layer: Black Non-Fibrous Material			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-Q02	11732591						
Layer: Black Non-Fibrous Material			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-R01	11732592						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4452-S01	11732593						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

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Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-T01	11732594						
Layer: Brown Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4452-U01	11732595						
Layer: Tan Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
RP4452-V01	11732596						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-V02	11732597						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-W01	11732598						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-W02	11732599						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-W03	11732600						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-X01	11732601						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-X02	11732602						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4452-X03	11732603						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4452-Y01	11732604						
Layer: Tan Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-Y02	11732605						
Layer: Tan Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-Z01	11732606						
Layer: Red Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-AA01	11732607						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-AA02	11732608						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-BB01	11732609						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-CC01	11732610						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-DD01	11732611						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
RP4452-EE01	11732612						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4452-EE02	11732613						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4452-FF01	11732614						
Layer: Black Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							
RP4452-GG01	11732615						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Synthetic (90 %)							
RP4452-HH01	11732616						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	3 %		
Total Composite Values of Fibrous Components:		Asbestos (13%)					
Cellulose (Trace)							
RP4452-II01	11732617						
Layer: Off-White Semi-Fibrous Material		Chrysotile	2 %				
Layer: Grey Semi-Fibrous Material		Chrysotile	25 %				
Total Composite Values of Fibrous Components:		Asbestos (4%)					
Cellulose (Trace) Fibrous Glass (60 %)							
RP4452-JJ01	11732618						
Layer: Yellow Fibrous Material			ND				
Layer: Black Tar			ND				
Layer: Silver Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (85 %)							
RP4452-JJ02	11732619						
Layer: Yellow Fibrous Material			ND				
Layer: Black Tar			ND				
Layer: Silver Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (85 %)							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-KK01	11732620						
Layer: White Woven Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	5 %				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (4%)					
Cellulose (10 %)	Fibrous Glass (25 %)						
RP4452-KK02	11732621						
Layer: White Woven Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	5 %				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (4%)					
Cellulose (10 %)	Fibrous Glass (25 %)						
RP4452-LL01	11732622						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-MM01	11732623						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4452-NN01	11732624						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4452-OO01	11732625						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4452-PP01	11732626						
Layer: White Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
RP4452-PP02	11732627						
Layer: White Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-QQ01	11732628						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Dark Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4452-QQ02	11732629						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Dark Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4452-RR01	11732630						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4452-RR02	11732631						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-SS01	11732632						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Dark Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
RP4452-SS02	11732633						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Dark Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
RP4452-TT01	11732634						
Layer: Grey Mastic		Chrysotile	10 %				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
RP4452-UU01	11732635						
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-VV01	11732636						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4452-WW01	11732637						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4452-XX01	11732638						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

Client Name: Vista Environmental Consultants

Report Number: B216913

Date Printed: 02/24/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4452-YY01	11732639						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components: Synthetic (90 %)		Asbestos (ND)					
RP4452-ZZ01	11732640						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					
RP4452-A301	11732641						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4452-B301	11732642						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (50 %)		Asbestos (ND)					
RP4452-C301	11732643						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (25 %) Fibrous Glass (10 %)		Asbestos (ND)					



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	A	01	PAINT/ SKIMCOAT	WHITE/WHITE,	ON CONCRETE SURFACES COLUMNS CEILING	
RP4452	A	02				
RP4452	A	03				
RP4452	A	04				
RP4452	A	05				
RP4452	A	06				
RP4452	A	07				
RP4452	B	01	PAINT/ SKIMCOAT	WHITE/WHITE	ON CMU WALLS	
RP4452	B	02				
RP4452	B	03				

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. Luis J Rocha TRANSFER SIGNATURE LUIS J ROCHA PRINTED NAME

2. [Signature] TRANSFER SIGNATURE S. Hollister PRINTED NAME

3. _____ TRANSFER SIGNATURE _____ PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	B	04				
RP4452	B	05				
RP4452	B	06				
RP4452	B	07				
RP4452	C	01	VFT/MAS	9" BEIGE/BLACK		
RP4452	D	01	VFT/MAS	9" BLACK/BLACK		
RP4452	E	01	ACP	2'X4' WHITE, FIBERGLASS		
RP4452	E	02				
RP4452	F	01	PAINT/PLASTER	WHITE/GRAY, PIPE CHASE		
RP4452	F	02				

ANALYTICAL METHOD: PLM ~~4001FCOM~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME

02/18/16
DATE/TIME

2. [Signature]
TRANSFER SIGNATURE

S. Hollister
PRINTED NAME

RECEIVED
DATE/TIME
FEB 19 2016

3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME
[Signature]



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	F	03	↓	↓		
RP4452	G	01	MORTAR/GROUT	WHITE/WHITE, 4" CERAMIC TILE WALL		
RP4452	G	02	↓	↓		
RP4452	H	01	PAINT/PLASTER	WHITE/GRAY, CEILINGS		
RP4452	H	02	↓	↓		
RP4452	H	03	↓	↓		
RP4452	I	01	MORTAR/GROUT	GRAY & BLACK/GRAY, 1" CERAMIC FLOOR		
RP4452	I	02	↓	↓		
RP4452	J	01	VFT/MASS	9" GREEN/BLACK		
RP4452	K	01	ACP	2'x4' WHITE, CHICKEN FEET		

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME

2. [Signature]
TRANSFER SIGNATURE

S. Hallister
PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME

02/18/16
DATE/TIME
RECEIVED
FEB 19 2016
DATE/TIME
P/U



ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	L	01	MORTAR/GROUT	GRAY/GRAY, 4" QUARRY FLOOR		
RP4452	L	02	↓	↓		
RP4452	M	01	FLEX JOINT	WHITE, ROUND DUCT		
RP4452	N	01	TAPE	WHITE, DUCT		
RP4452	O	01	JOINT COMPOUND	WHITE, ON CMU WALLS		
RP4452	O	02	↓	↓		
RP4452	P	01	WB/SC	WHITE/WHITE, WALLS		
RP4452	P	02	↓	↓		
RP4452	Q	01	BASECOVE/MAS	4" BLACK/BLACK		
RP4452	Q	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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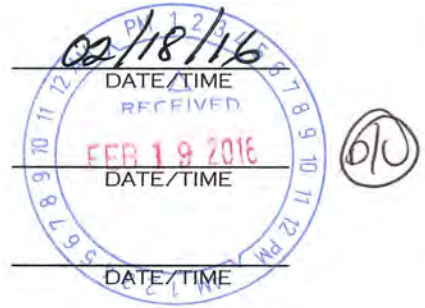
LUIS J. POCHA
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S. HOLLISTER
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	R	01	ACP	2'x4' WHITE, LATERAL FISSURE		
RP4452	S	01	ACP	2'x4' WHITE, HORIZONTAL FISSURE		
RP4452	T	01	VPT/MAS	9" BROWN/BLACK		
RP4452	U	01	VPT/MAS	9" TAN/BLACK		
RP4452	V	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY, EXTERIOR		
RP4452	V	02	↓	↓		
RP4452	W	01	PAINT/STUCCO	WHITE/GRAY, UNDER WINDOWS		
RP4452	W	02	↓	↓		
RP4452	W	03	↓	↓		
RP4452	X	01	SEALANT	GRAY, DOOR FRAME, WINDOW FRAME & SEAMS		

ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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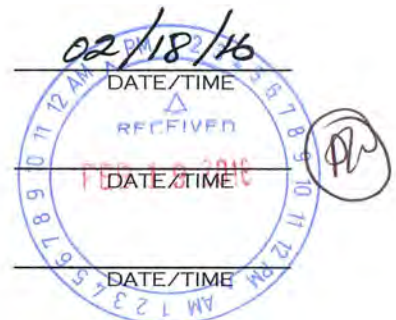
2. [Signature]
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LOUIS J. TROCHA
PRINTED NAME

S. HOLLISTER
PRINTED NAME

PRINTED NAME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	X	02	↓	↓		
RP4452	X	03	↓	↓		
RP4452	Y	01	GLAZING	TAN, WINDOWS		
RP4452	Y	02	↓	↓		
RP4452	Z	01	GASKET	RED, ROUND EXTERIOR		
RP4452	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4452	AA	02	↓	↓		
RP4452	BB	01	SEALANT	GRAY, GOOEY LOUVER		
RP4452	CC	01	SEALANT	CLEAR, GRAY, EXTERIOR VENTS		
RP4452	DD	01	GLAZING	BLACK, WINDOW ON DOORS		

ANALYTICAL METHOD: PLM ~~400 PTCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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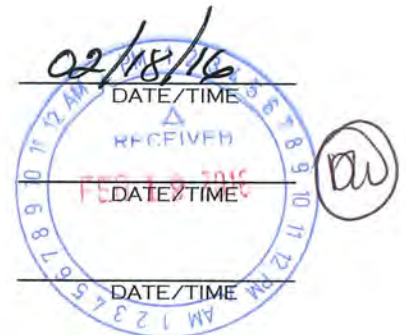
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LUIS J. ROCHA
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S. Hollister
PRINTED NAME

PRINTED NAME





2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	EE	01	SEALANT	GRAY, EXPANSION JOINT		
RP4452	EE	02	↓	↓		
RP4452	FF	01	INSULATOR	BLACK, ELECTRICAL BOX		
RP4452	GG	01	INSULATOR	BROWN, ELECTRICAL BOX		
RP4452	HH	01	CEMENT PIPE	GRAY, 36" OD		
RP4452	II	01	INSULATION	WHITE, TANK		
RP4452	JJ	01	JACKETING/MAS	WHITE/BLACK, PIPES		
RP4452	JJ	02	↓	↓		
RP4452	KK	01	JACKETING	WHITE, VALVES		
RP4452	KK	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400PTCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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LUIS J. ROCHA
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02/18/16
DATE/TIME

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FEB 19 2016

[Signature]
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DATE/TIME

PRINTED NAME DATE/TIME



VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	LL	01	INSULATOR	GRAY, ELECTRICAL BOX		
RP4452	MM	01	INSULATOR PAPER	BELGE, ELECTRICAL BOX		
RP4452	NN	01	INSULATOR	BLACK, ELECTRICAL BOX		
RP4452	OO	01	INSULATOR PAPER	GRAY, ELECTRICAL BOX		
RP4452	PP	01	JACKETING	WHITE, ELBOWS		
RP4452	PP	02	↓	↓		
RP4452	QQ	01	ROOF FIELD	BLACK, T & G		
RP4452	QQ	02	↓	↓		
RP4452	RR	01	PARAPET/BASE	GRAY & BLACK, BUILT UP		
RP4452	RR	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 PFCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME

02/18/16
DATE/TIME

S. Hallisep
PRINTED NAME

[Signature]
DATE/TIME

RECEIVED
FEB 19 2016



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CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: CSUMB

DATE: 2/18/16

LOCATION: RP4452

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4452	SS	01	FLASHING	BLACK, T & G		
RP4452	SS	02	↓	↓		
RP4452	TT	01	MASTIC	GRAY & BLACK, PIPE PENETRATIONS & SEAMS		
RP4452	UU	01	SEALANT	BLACK, EXPANSION JOINT		
RP4452	VV	01	SEALANT	WHITE, CEMENT EXHAUST		
RP4452	WW	01	ACP	2'X4' WHITE, RANDOM PIN HOLE		
RP4452	XX	01	ACP	2'X4' WHITE, SOLID		
RP4452	YY	01	GASKET	BLACK, SHOWER LIGHTS		
RP4452	ZZ	01	INSULATION	BROWN, FIRE DOOR		
RP4452	A3	01	SEALANT	GRAY, ROOF FLASHING.		

ANALYTICAL METHOD: PLM ~~ACCP~~ ~~COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

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- Luis J. Rocha
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- [Signature]
TRANSFER SIGNATURE
- _____
TRANSFER SIGNATURE

LUIS J. ROCHA 02/18/16
PRINTED NAME DATE/TIME

S. Hallister FEB 19 2016 [Signature]
PRINTED NAME DATE/TIME

PRINTED NAME DATE/TIME



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B217646
Date Received: 03/04/16
Date Analyzed: 03/09/16
Date Printed: 03/09/16
First Reported: 03/09/16

Job ID/Site: 161091001 - FORA, RP4552

FALI Job ID: L1161
Total Samples Submitted: 4
Total Samples Analyzed: 4

Date(s) Collected: 03/03/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4522-D301	11738070						
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4522-E301	11738071						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4522-F301	11738072						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4522-F302	11738073						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 3/3/16

LOCATION: RP4552

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4552	D3	01	Glazing	White, Window on Door, INT		
RP4552	E3	01	Glazing	White, Window on Door, EXT		
RP4552	F3	01	WB/C	Gray/white, Shower Ceiling		
RP4552	F3	02	↓	↓		
				4 samples		

ANALYTICAL METHOD: PLM 400 PT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

2. [Signature]
TRANSFER SIGNATURE

3. _____
TRANSFER SIGNATURE

Chris Burns
PRINTED NAME

S. Hollister
PRINTED NAME

PRINTED NAME

3/3/16
DATE/TIME RECEIVED

MAR 04 2016
DATE/TIME

[Signature]
DATE/TIME

**FORA
RP4452
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					2.87	cps
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1.1	mg/cm ²
4					CALIBRATE				Positive	1	mg/cm ²
5	RP 4452	1	OUTSIDE	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
6	RP 4452	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
7	RP 4452	1	OUTSIDE	SOUTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.01	mg/cm ²
8	RP 4452	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
9	RP 4452	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	YELLOW	DETERIORATED	Positive	14	mg/cm ²
10	RP 4452	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BROWN, LIGHT	DETERIORATED	Positive	3.3	mg/cm ²
11	RP 4452	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.06	mg/cm ²
12	RP 4452	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN, LIGHT	DETERIORATED	Positive	1.1	mg/cm ²
13	RP 4452	1	OUTSIDE	SOUTH	CEILING	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
14	RP 4452	1	OUTSIDE	SOUTH	HAND RAIL	METAL	RED	DETERIORATED	Negative	0.6	mg/cm ²
15	RP 4452	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
16	RP 4452	1	OUTSIDE	SOUTH	PIPE	METAL	YELLOW	DETERIORATED	Positive	7.4	mg/cm ²
17	RP 4452	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
18	RP 4452	1	OUTSIDE	SOUTH	WALL PANEL	PLASTER	WHITE	INTACT	Negative	0.02	mg/cm ²
19	RP 4452	1	OUTSIDE	SOUTH	LOUVER	METAL	WHITE	DETERIORATED	Negative	0	mg/cm ²
20	RP 4452	1	OUTSIDE	SOUTH	VENT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
21	RP 4452	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN, DARK	DETERIORATED	Negative	0	mg/cm ²
22	RP 4452	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BEIGE	DETERIORATED	Negative	0.23	mg/cm ²
23	RP 4452	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
24	RP 4452	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
25	RP 4452	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0.02	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4452
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
26	RP 4452	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	RED	DETERIORATED	Negative	0.18	mg/cm ²
27	RP 4452	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
28	RP 4452	1	1		FLOOR	VINYL	BLACK	INTACT	Negative	0	mg/cm ²
29	RP 4452	1	1	SOUTH	COLUMN	PLASTER	WHITE	DETERIORATED	Negative	0.5	mg/cm ²
30	RP 4452	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.5	mg/cm ²
31	RP 4452	1	1	WEST	WALL	CONCRETE	TAN	INTACT	Positive	1.3	mg/cm ²
32	RP 4452	1	1	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.16	mg/cm ²
33	RP 4452	1	1	NORTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
34	RP 4452	1	1	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.2	mg/cm ²
35	RP 4452	1	1	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.15	mg/cm ²
36	RP 4452	1	1	WEST	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
37	RP 4452	1	1	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
38	RP 4452	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
39	RP 4452	1	1	EAST	RADIATOR	METAL	BROWN	INTACT	Negative	0.15	mg/cm ²
40	RP 4452	1	1	EAST	EXPANSION JOINT	METAL	WHITE	INTACT	Negative	0	mg/cm ²
41	RP 4452	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
42	RP 4452	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
43	RP 4452	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.7	mg/cm ²
44	RP 4452	1	1	SOUTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.03	mg/cm ²
45	RP 4452	1	1	SOUTH	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.05	mg/cm ²
46	RP 4452	1	1	NORTH	WALL PANEL	METAL	BROWN	INTACT	Negative	0	mg/cm ²
47	RP 4452	1	1	NORTH	WALL	CONCRETE	TAN	INTACT	Negative	0.01	mg/cm ²
48	RP 4452	1	1	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
49	RP 4452	1	1	EAST	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
50	RP 4452	1	1	EAST	WALL	CONCRETE	BROWN, LIGHT	INTACT	Negative	0.06	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4452
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
51	RP 4452	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
52	RP 4452	1	1	WEST	COLUMN	CONCRETE	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
53	RP 4452	1	1	EAST	WALL	DRYWALL	BROWN, LIGHT	INTACT	Negative	0.02	mg/cm ²
54	RP 4452	1	1	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
55	RP 4452	1	1	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
56	RP 4452	1	1	SOUTH	TRIM	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
57	RP 4452	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.13	mg/cm ²
58	RP 4452	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
59	RP 4452	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
60	RP 4452	1	2	NORTH	COLUMN	CONCRETE	YELLOW	INTACT	Negative	0.03	mg/cm ²
61	RP 4452	1	2	NORTH	WALL	CONCRETE	YELLOW	INTACT	Negative	0.01	mg/cm ²
62	RP 4452	1	2	SOUTH	WINDOW SILL	CONCRETE	YELLOW	INTACT	Negative	0.03	mg/cm ²
63	RP 4452	1	2	SOUTH	COLUMN	PLASTER	YELLOW	DETERIORATED	Negative	0.01	mg/cm ²
64	RP 4452	1	2	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
65	RP 4452	1	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
66	RP 4452	1	3	SOUTH	DOOR FRAME	METAL	GRAY	INTACT	Negative	0.12	mg/cm ²
67	RP 4452	1	3	SOUTH	DOOR	WOOD	GRAY	INTACT	Negative	0.08	mg/cm ²
68	RP 4452	1	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
69	RP 4452	1	3	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Positive	5.6	mg/cm ²
70	RP 4452	1	3	NORTH	DOOR	WOOD	RED	INTACT	Negative	0.14	mg/cm ²
71	RP 4452	1	3		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
72	RP 4452	1	3		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
73	RP 4452	1	3		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
74	RP 4452	1	3	NORTH	RADIATOR	METAL	GRAY	DETERIORATED	Negative	0.06	mg/cm ²
75	RP 4452	1	4	SOUTH	DOOR FRAME	METAL	RED	DETERIORATED	Negative	0.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4452
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
76	RP 4452	1	4	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
77	RP 4452	1	4		FLOOR	CONCRETE	GRAY	DETERIORATED	Negative	0.06	mg/cm ²
78	RP 4452	1	5	SOUTH	BASEBOARD	CERAMIC	RED	INTACT	Negative	0.02	mg/cm ²
79	RP 4452	1	5	SOUTH	TRIM	WOOD	RED	INTACT	Negative	0	mg/cm ²
80	RP 4452	1	6	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
81	RP 4452	1	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
82	RP 4452	1	6	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
83	RP 4452	1	6	WEST	COUNTER	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
84	RP 4452	1	6	EAST	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
85	RP 4452	1	6	NORTH	HVAC	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
86	RP 4452	1	6	SOUTH	WALL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
87	RP 4452	1	6	SOUTH	BASEBOARD	WOOD	BROWN, LIGHT	INTACT	Negative	0.07	mg/cm ²
88	RP 4452	1	7	NORTH	WALL	CONCRETE	GRAY	INTACT	Negative	0.06	mg/cm ²
89	RP 4452	1	7	WEST	DUCT	METAL	GRAY	INTACT	Negative	0	mg/cm ²
90	RP 4452	1	7	WEST	DUCT	METAL	BLUE	INTACT	Negative	0.01	mg/cm ²
91	RP 4452	1	8	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.8	mg/cm ²
92	RP 4452	1	8	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
93	RP 4452	1	8	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
94	RP 4452	1	8	SOUTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²
95	RP 4452	1	8	NORTH	WALL	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
96	RP 4452	1	8	NORTH	TRIM	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
97	RP 4452	1	9	WEST	WALL	CONCRETE	BROWN	INTACT	Positive	2	mg/cm ²
98	RP 4452	1	9	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.9	mg/cm ²
99	RP 4452	1	9	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	2.2	mg/cm ²
100	RP 4452	1	9	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.8	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4452
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
101	RP 4452	1	9	NORTH	COLUMN	PLASTER	WHITE	INTACT	Positive	2.2	mg/cm ²
102	RP 4452	1	9	NORTH	WINDOW SILL	CONCRETE	TAN	INTACT	Positive	1.5	mg/cm ²
103	RP 4452	1	10	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.1	mg/cm ²
104	RP 4452	1	11	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	2.7	mg/cm ²
105	RP 4452	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.19	mg/cm ²
106	RP 4452	1	12	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
107	RP 4452	1	13	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
108	RP 4452	1	STAIRWELL E	WEST	HAND RAIL	METAL	RED	INTACT	Negative	0	mg/cm ²
109	RP 4452	1	STAIRWELL E		STAIRS	CONCRETE	YELLOW	INTACT	Negative	0.8	mg/cm ²
110	RP 4452	1	STAIRWELL E		STAIRS	CONCRETE	GRAY	INTACT	Negative	0.5	mg/cm ²
111	RP 4452	1	STAIRWELL E		STAIRS	CONCRETE	WHITE	DETERIORATED	Negative	0.9	mg/cm ²
112	RP 4452	1	STAIRWELL E	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.7	mg/cm ²
113	RP 4452	1	STAIRWELL E	WEST	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.4	mg/cm ²
114	RP 4452	1	STAIRWELL E	WEST	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
115	RP 4452	1	STAIRWELL E		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
116	RP 4452	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.7	mg/cm ²
117	RP 4452	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
118	RP 4452	2	1	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.6	mg/cm ²
119	RP 4452	2	1	SOUTH	EXPANSION JOINT	METAL	WHITE	INTACT	Positive	1.2	mg/cm ²
120	RP 4452	2	1		EXPANSION JOINT	METAL	BLACK	INTACT	Negative	0.04	mg/cm ²
121	RP 4452	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.1	mg/cm ²
122	RP 4452	2	1	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
123	RP 4452	2	1	NORTH	WALL PANEL	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
124	RP 4452	2	1	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.5	mg/cm ²
125	RP 4452	2	1	SOUTH	WALL	CONCRETE	RED	INTACT	Negative	0.7	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4452
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
126	RP 4452	2	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
127	RP 4452	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.14	mg/cm ²
128	RP 4452	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.6	mg/cm ²
129	RP 4452	2	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.2	mg/cm ²
130	RP 4452	2	2	NORTH	DOOR	WOOD	GRAY	INTACT	Negative	0.08	mg/cm ²
131	RP 4452	2	2	WEST	WALL	CONCRETE	TAN	DETERIORATED	Negative	0.01	mg/cm ²
132	RP 4452	2	2	SOUTH	WINDOW SILL	CONCRETE	TAN	INTACT	Negative	0.04	mg/cm ²
133	RP 4452	2	2	NORTH	SHELF	WOOD	TAN	INTACT	Negative	0.01	mg/cm ²
134	RP 4452	2	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
135	RP 4452	2	4	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
136	RP 4452	2	4	NORTH	WALL	CERAMIC	TAN	INTACT	Positive	6.4	mg/cm ²
137	RP 4452	2	4		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
138	RP 4452	2	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
139	RP 4452	2	4		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
140	RP 4452	2	5	WEST	CABINET	WOOD	TAN	INTACT	Positive	1.1	mg/cm ²
141	RP 4452	2	5	NORTH	WALL	CONCRETE	TAN	INTACT	Positive	1.4	mg/cm ²
142	RP 4452	2	6	NORTH	WALL	CONCRETE	YELLOW	INTACT	Positive	1.1	mg/cm ²
143	RP 4452	2	6	WEST	CABINET	WOOD	YELLOW	INTACT	Positive	2.2	mg/cm ²
144	RP 4452	2	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
145	RP 4452	2	8	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
146	RP 4452	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.7	mg/cm ²
147	RP 4452	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.7	mg/cm ²
148	RP 4452	3	1	EAST	WALL	CONCRETE	RED	INTACT	Negative	0.4	mg/cm ²
149	RP 4452	3	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.1	mg/cm ²
150	RP 4452	3	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.28	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4452
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
151	RP 4452	3	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1	mg/cm ²
152	RP 4452	3	2	SOUTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.12	mg/cm ²
153	RP 4452	3	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.1	mg/cm ²
154	RP 4452	3	4	WEST	WALL	CONCRETE	BEIGE	INTACT	Positive	1.3	mg/cm ²
155	RP 4452	3	5	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	2.4	mg/cm ²
156	RP 4452	3	6	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	3.2	mg/cm ²
157	RP 4452	3	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
158	RP 4452	3	8	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
159	RP 4452	3	9	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
160	RP 4452	3	10	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
161	RP 4452	3	11	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
162	RP 4452	3	12	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
163	RP 4452	3	13	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.24	mg/cm ²
164	RP 4452	ROOF	OUTSIDE		PIPE	METAL	GRAY	INTACT	Positive	80.2	mg/cm ²
342					CALIBRATE				Positive	1	mg/cm ²
343					CALIBRATE				Positive	1.2	mg/cm ²
344					CALIBRATE				Positive	1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

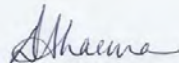
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71421-1
Client Project/Site: FORA RP4452

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/12/2016 3:59:27 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	16



Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Job ID: 720-71421-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71421-1

Comments

No additional comments.

Receipt

The sample was received on 4/8/2016 2:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.4° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (LCS 720-200289/2-A), (LCSD 720-200289/3-A) and (MB 720-200289/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: HH4452-PCBB01 (720-71421-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4452-PCBB01 (720-71421-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Client Sample ID: HH4452-PCBB01

Lab Sample ID: 720-71421-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	170000000		36000000		ug/Kg	100000		8082	Total/NA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Client Sample ID: HH4452-PCBB01

Lab Sample ID: 720-71421-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:30	100000
PCB-1221	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:30	100000
PCB-1232	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:30	100000
PCB-1242	170000000		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:30	100000
PCB-1248	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:30	100000
PCB-1254	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:30	100000
PCB-1260	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:30	100000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/11/16 21:51	04/12/16 13:30	100000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/11/16 21:51	04/12/16 13:30	100000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71421-1	HH4452-PCBB01	0 X D	0 X D
LCS 720-200289/2-A	Lab Control Sample	58	84
LCSD 720-200289/3-A	Lab Control Sample Dup	65	85
MB 720-200289/1-A	Method Blank	55	83

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200289/1-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1221	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1232	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1242	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1248	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1254	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1260	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		32 - 112	04/11/16 14:42	04/12/16 00:57	1
DCB Decachlorobiphenyl	83		2 - 122	04/11/16 14:42	04/12/16 00:57	1

Lab Sample ID: LCS 720-200289/2-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	101		ug/Kg		75	55 - 112
PCB-1260	133	110		ug/Kg		82	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	58		32 - 112
DCB Decachlorobiphenyl	84		2 - 122

Lab Sample ID: LCSD 720-200289/3-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1016	133	105		ug/Kg		79	55 - 112	5	20
PCB-1260	133	113		ug/Kg		85	65 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	65		32 - 112
DCB Decachlorobiphenyl	85		2 - 122

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

GC Semi VOA

Analysis Batch: 200260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	8082	200289
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	200289
MB 720-200289/1-A	Method Blank	Total/NA	Solid	8082	200289

Prep Batch: 200289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71421-1	HH4452-PCBB01	Total/NA	Solid	3550B	
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 720-200289/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71421-1	HH4452-PCBB01	Total/NA	Solid	8082	200289

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Client Sample ID: HH4452-PCBB01

Lab Sample ID: 720-71421-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200289	04/11/16 21:51	JEP	TAL PLS
Total/NA	Analysis	8082		100000	200345	04/12/16 13:30	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4452

TestAmerica Job ID: 720-71421-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71421-1	HH4452-PCBB01	Solid	04/08/16 11:00	04/08/16 14:30

1

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71421-1

Login Number: 71421

List Number: 1

Creator: Mullen, Joan

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
		Zn	40	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

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Client Name & Address:		P.O. #: 161091001	Date: 4/12/16
Vista Environmental Consulting		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
2984 Teagarden Street		Due Date: _____ Due Time: _____	
San Leandro, CA 94577		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402		
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield		
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %		
Site: FORA	<input type="checkbox"/> TEM Microvac		
Job: RP	<input type="checkbox"/> Special Project:		
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com		<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>	

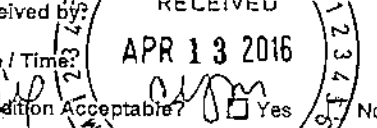
Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by:  Date / Time: <u>4/12/16 1430</u>	Relinquished by: _____ Date / Time: _____	Relinquished by: _____ Date / Time: _____
--	--	--

Received by:  Date / Time: _____ Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No
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BUILDING RP4454



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4454

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, T, U)	Vinyl Floor Tile/Mastic	9" Gray, Brown, Tan and 12" White/Black	Throughout Except Basement, Restrooms, Stairwell, Laundry Rooms except 1st Floor, Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	34,250 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
DD	Glazing	White, Windows on Doors, Exterior	Exterior Doors with Windows	Class II	Category I - Non-Friable	126 SF (6 Doors)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II-Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II-Non-Friable	50 LF
II	Insulation	White, Tank	Basement Mechanical Room	Class I	Friable (RACM when Removed)	300 SF
KK	Jacketing	White, Valves	Basement Mechanical Room	Class I	Friable (RACM when Removed)	10 SF (10 Each)
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF

BUILDING RP4454 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF
E3	Glazing	White, Windows on Doors, Interior	Interior Stairwell Doors	Class II	Category I - Non-Friable	126 SF (6 Doors)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
172	1	Outside	North	Stairs	Concrete	Yellow	Deteriorated	10.1	mg/cm ²
175	1	Outside	East	Post	Wood	Yellow	Deteriorated	2.9	mg/cm ²
176	1	Outside	North	Parking Block	Wood	Yellow	Deteriorated	4.9	mg/cm ²
182	1	Outside	South	Door	Metal	Brown, Light	Intact	4.2	mg/cm ²
191	1	Outside	North	Radiator	Metal	Brown, Light	Intact	2	mg/cm ²
192	1	Outside	East	Wall	Concrete	White	Intact	2.2	mg/cm ²
193	1	Outside	West	Column	Plaster	White	Intact	2.4	mg/cm ²
194	1	Outside	West	Wall	Concrete	White	Intact	3.4	mg/cm ²
196	1	Outside	West	Door Frame	Metal	Brown	Deteriorated	1.9	mg/cm ²
198	1	Outside	East	Column	Concrete	White	Intact	2.3	mg/cm ²
199	1	Outside	South	Wall	Concrete	White	Intact	2.5	mg/cm ²
201	1	Outside	North	Door Frame	Metal	Brown	Intact	2	mg/cm ²
216	1	Outside	West	Column	Concrete	White	Intact	1.7	mg/cm ²
217	1	Outside	West	Wall	Concrete	White	Intact	2.1	mg/cm ²
231	1	4	North	Wall	Ceramic	Tan	Intact	8.6	mg/cm ²
264	1	Stairwell W	East	Hand Rail	Metal	Brown	Deteriorated	1.8	mg/cm ²
294	2	5	South	Wall	Ceramic	Tan	Intact	8.2	mg/cm ²
319	Roof	Outside		Pipe	Metal	Gray	Intact	76.6	mg/cm ²

BUILDING RP4454

HAZARDOUS MATERIALS SUMMARY

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING RP4454

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	418
Other Non-incandescent Lamps	Universal Waste	4
Batteries: Exit Signs	Universal Waste	9
Light Fixture Ballasts	Polychlorinated Biphenyls	209
Water Coolers/Fountains	Ozone Depleting Chemicals	3

Note: Animal fecal matter and rodent nests were seen on the 1st Floor and water damage was seen in the stairwells.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4454-PCBB01	Ballast Capacitor Oil	PCB-1242	130,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4454

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	12" White/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Texture Pinhole	1
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/White, 4" Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	2
J	Not Used	Not Used	Not Used
K	Acoustic Ceiling Panel	2'x4' White, Fiberglass Solid	1
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	2
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Not Used	Not Used	Not Used
Q	Basecove/Mastic	4" Beige/Yellow	3
R	Acoustic Ceiling Panel	2'x4' White, Fiberglass Pattern	1
S	Acoustic Ceiling Panel	2'x4' White, Horizontal Fissure	1
T	Vinyl Floor Tile/Mastic	9" Brown/Black	1
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

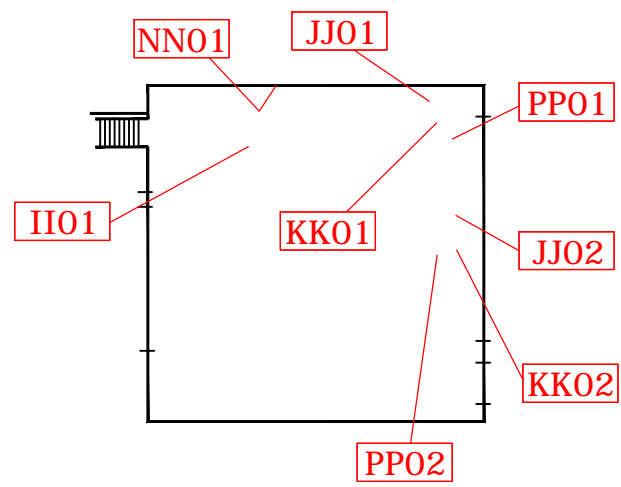
BUILDING RP4454

ASBESTOS SAMPLING INVENTORY



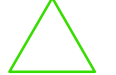
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W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	2
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	White, Windows on Doors, Exterior	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Insulation	White, Tank	1
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Not Used	Not Used	Not Used
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

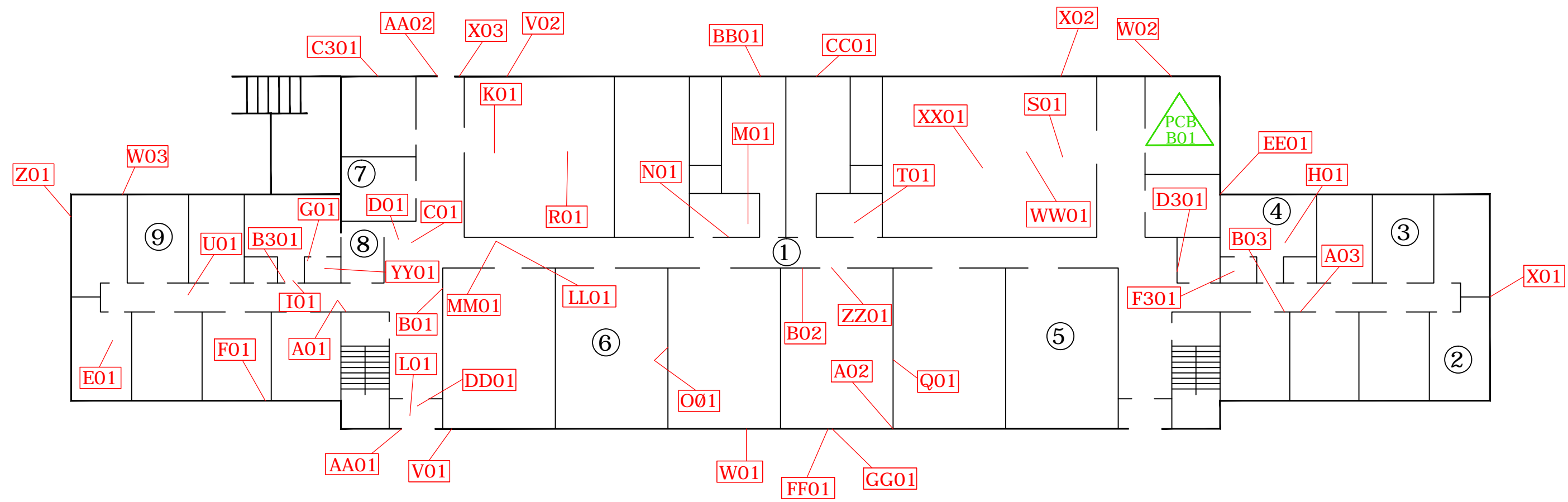
**BUILDING RP4454
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Not Used	Not Used	Not Used
VV	Sealant	White, Cement Exhaust	1
WW	Acoustic Ceiling Panel	2'x4' White, Pinhole Gouge	1
XX	Acoustic Ceiling Panel	2'x4' White, Random Pinhole	1
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Mastic	Brown, Wall Panel	1
E3	Glazing	White, Windows on Doors, Interior	1
F3	Wallboard/Joint Compound	Gray/White, Showers	2



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
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 SAN LEANDRO, CA 94577
 510-346-8860

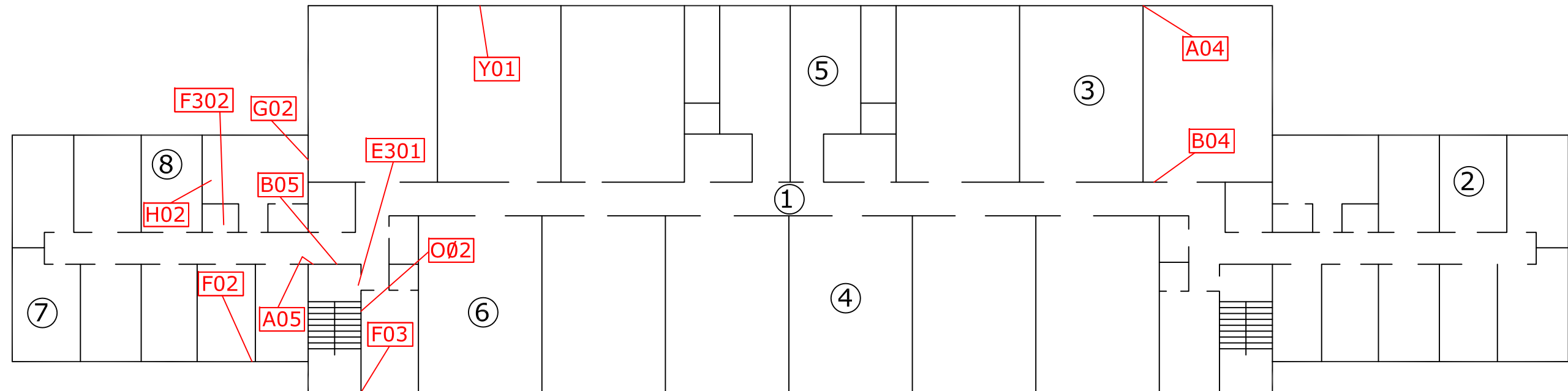
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 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4454
 SAMPLE LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4454

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

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
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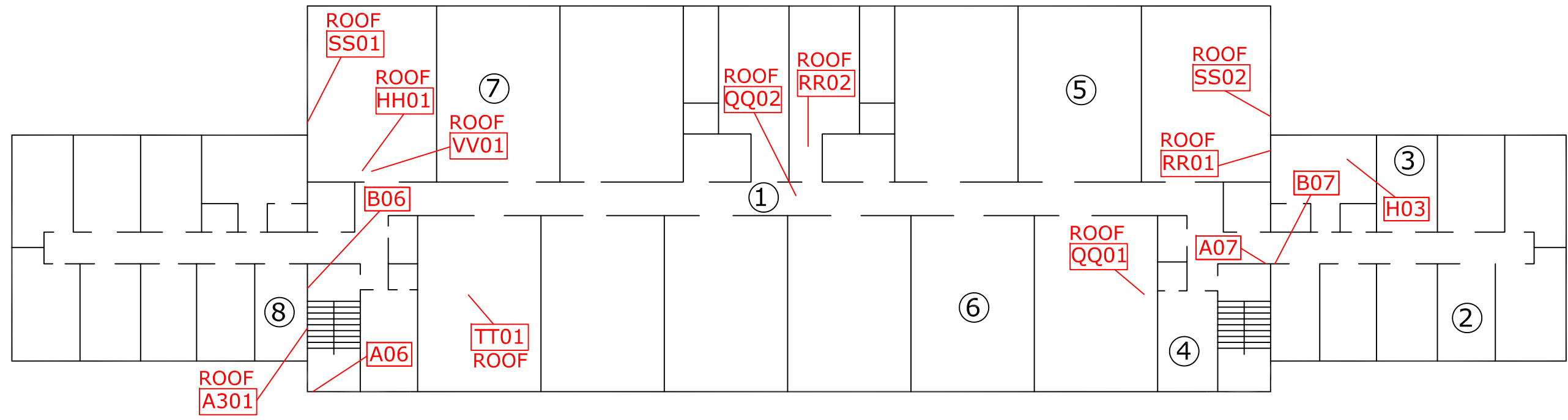
BUILDING RP4454
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4454

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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SHEET TITLE

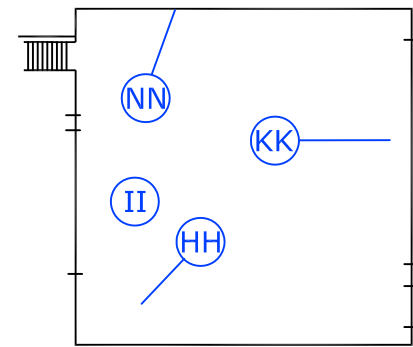
BUILDING RP4454
 SAMPLE LOCATIONS
 THIRD FLOOR

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 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

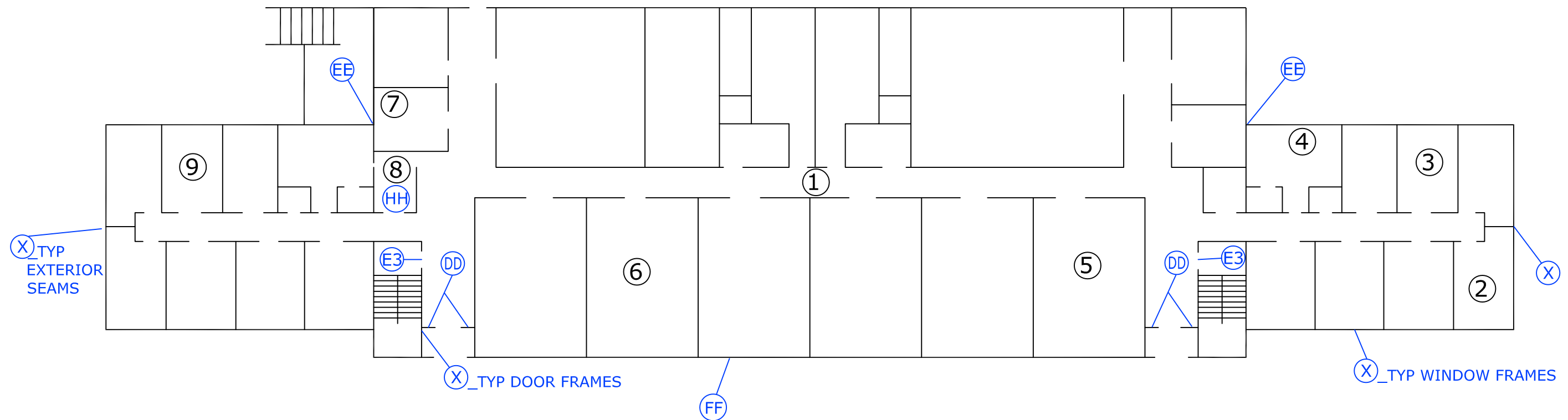
RP4454

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, STAIRWELLS, LAUNDRY ROOMS EAST, STORAGE ROOMS AND JANITOR'S CLOSETS.



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SHEET TITLE

BUILDING RP4454
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

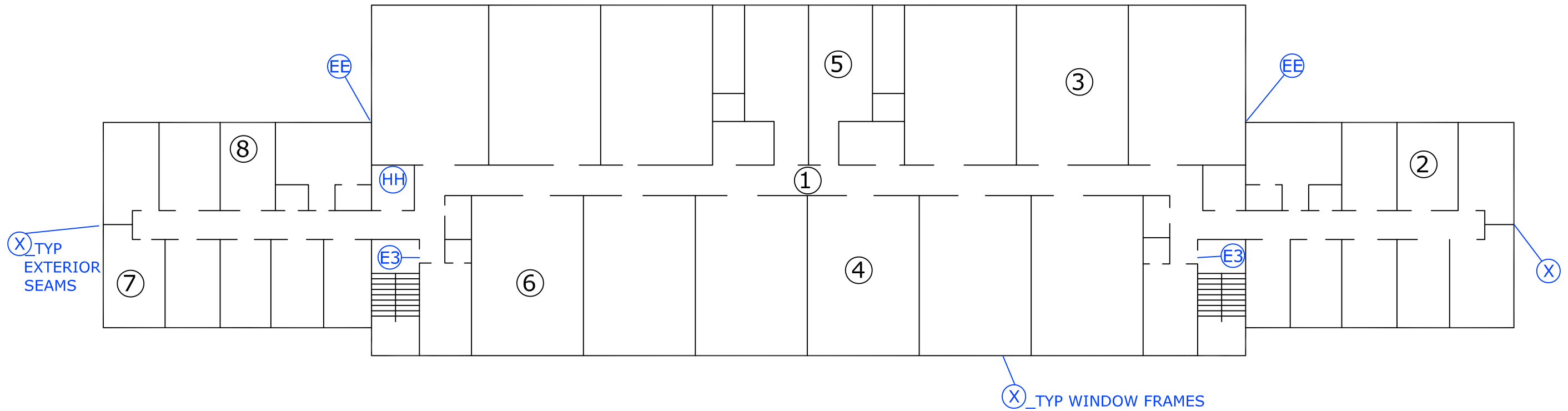
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FIGURE

RP4454

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS,
STAIRWELLS, LAUNDRY ROOMS,
STORAGE ROOMS AND JANITOR'S
CLOSETS.



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SHEET TITLE

BUILDING RP4454
MATERIAL LOCATIONS
SECOND FLOOR

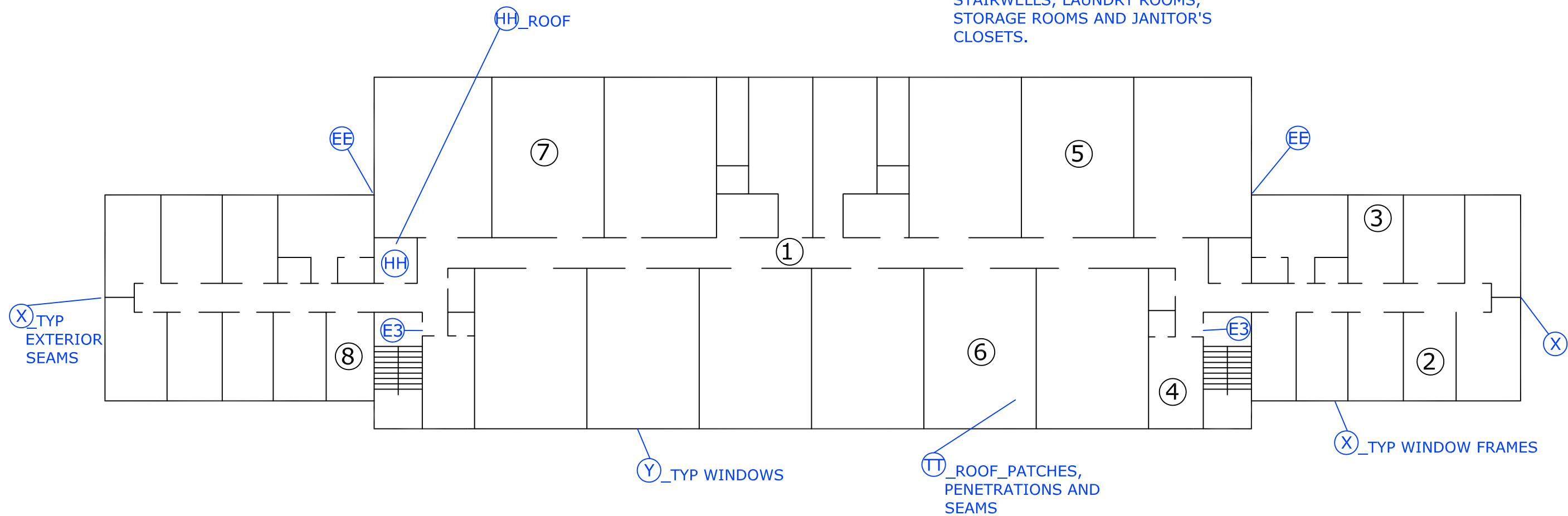
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CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4454

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS, STAIRWELLS, LAUNDRY ROOMS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
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SHEET TITLE

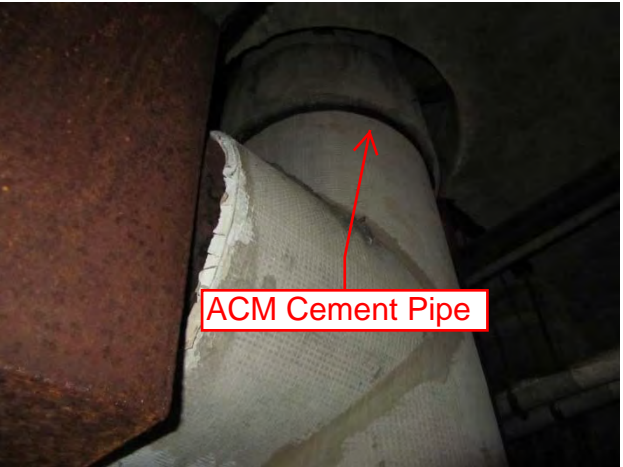
BUILDING RP4454
 MATERIAL LOCATIONS
 THIRD FLOOR

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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4454

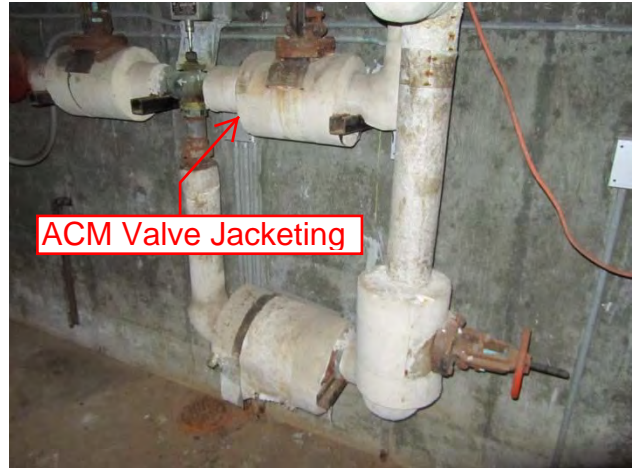
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PHOTO DOCUMENTATION



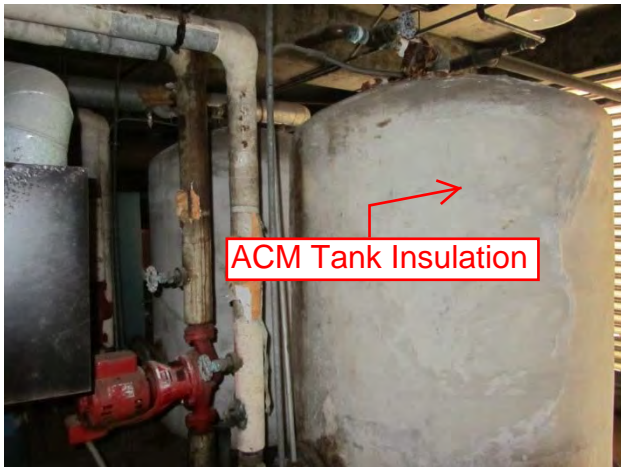
BUILDING RP4454 PHOTO DOCUMENTATION



ACM Insulator



ACM Valve Jacketing



ACM Tank Insulation



ACM Mastic



ACM Glazing



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B218097
Date Received: 03/14/16
Date Analyzed: 03/17/16
Date Printed: 03/17/16
First Reported: 03/17/16

Job ID/Site: 161091001 - FORA , RP4454

Date(s) Collected: 03/12/2016

FALI Job ID: L1161
Total Samples Submitted: 85
Total Samples Analyzed: 84

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-A-01	11741782						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-A-02	11741783						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-A-03	11741784						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-A-04	11741785						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-A-05	11741786						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-A-06	11741787						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218097

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-A-07	11741788						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B-01	11741789						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B-02	11741790						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B-03	11741791						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B-04	11741792						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B-05	11741793						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B-06	11741794						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B-07	11741795						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-C-01	11741796						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218097

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-D-01	11741797						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-E-01	11741798						
Layer: White Non-Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					
RP4454-F-01	11741799						
Layer: White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-F-02	11741800						
Layer: White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-F-03	11741801						
Layer: White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-G-01	11741802						
Layer: Off-White Grout			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-G-02	11741803						
Layer: Off-White Grout			ND				
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace) Wollastonite (2 %)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218097

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-H-01	11741804						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-H-02	11741805						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-H-03	11741806						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-K-01	11741808						
Layer: Yellow Fibrous Tile			ND				
Layer: White Non-Fibrous Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (95 %)						
RP4454-L-01	11741809						
Layer: Grey Cementitious Material			ND				
Layer: Tan Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-M-01	11741810						
Layer: Grey Fibrous Material			ND				
Layer: Black Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)	Fibrous Glass (20 %)	Synthetic (15 %)					
RP4454-N-01	11741811						
Layer: Grey Non-Fibrous Material			ND				
Layer: Silver Metal			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218097

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-O-01	11741812						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-O-02	11741813						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-Q-01	11741814						
Layer: Brown Non-Fibrous Material			ND				
Layer: Tan Mastic			ND				
Layer: Grey Semi-Fibrous Material			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (Trace)							
RP4454-R-01	11741815						
Layer: Yellow Fibrous Tile			ND				
Layer: White Non-Fibrous Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (95 %)							
RP4454-S-01	11741816						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4454-T-01	11741817						
Layer: Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4454-U-01	11741818						
Layer: Tan Tile			ND				
Layer: Black Mastic			ND				
Layer: Grey/Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218097

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-V-01	11741819						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Layer: Tan Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-V-02	11741820						
Layer: Grey Cementitious Material			ND				
Layer: Tan Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-W-01	11741821						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-W-02	11741822						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-W-03	11741823						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4454-X-01	11741824						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4454-X-02	11741825						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4454-X-03	11741826						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218097

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-Y-01	11741827						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-Z-01	11741828						
Layer: Red Non-Fibrous Material			ND				
Layer: Tan Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-AA-01	11741829						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-AA-02	11741830						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-BB-01	11741831						
Layer: Grey Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace) Synthetic (5 %)		Asbestos (ND)					
RP4454-CC-01	11741832						
Layer: Black Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4454-DD-01	11741833						
Layer: Tan Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4454-EE-01	11741834						
Layer: Grey Semi-Fibrous Material		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (5%)					
RP4454-FF-01	11741835						
Layer: Black Semi-Fibrous Material		Chrysotile	50 %				
Total Composite Values of Fibrous Components:		Asbestos (50%)					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-GG-01	11741836						
Layer: Tan Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %)							
RP4454-HH-01	11741837						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %	Crocidolite	5 %		
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							
RP4454-II-01	11741838						
Layer: Off-White Semi-Fibrous Material		Chrysotile	2 %	Amosite	10 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Fibrous Glass (10 %)							
RP4454-JJ-01	11741839						
Layer: Foil			ND				
Layer: Off-White Fibrous Material			ND				
Layer: Tan Mastic			ND				
Layer: Orange Fibrous Material			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (90 %)							
RP4454-JJ-02	11741840						
Layer: Foil			ND				
Layer: Off-White Fibrous Material			ND				
Layer: Tan Mastic			ND				
Layer: Orange Fibrous Material			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %) Fibrous Glass (45 %)							
RP4454-KK-01	11741841						
Layer: Orange Fibrous Material			ND				
Layer: Grey Semi-Fibrous Material		Chrysotile	5 %				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (10 %) Fibrous Glass (55 %)							
RP4454-KK-02	11741842						
Layer: Orange Fibrous Material			ND				
Layer: Grey Semi-Fibrous Material		Chrysotile	5 %				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (10 %) Fibrous Glass (55 %)							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-LL-01	11741843						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-MM-01	11741844						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (99 %)							
RP4454-NN-01	11741845						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)							
RP4454-PP-01	11741846						
Layer: Paint			ND				
Layer: White Woven Material			ND				
Layer: Tan Non-Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						
RP4454-PP-02	11741847						
Layer: Paint			ND				
Layer: White Woven Material			ND				
Layer: Tan Non-Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %)	Fibrous Glass (20 %)						
RP4454-QQ-01	11741848						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (20 %)							
RP4454-QQ-02	11741849						
Layer: Green Foam			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (20 %)	Synthetic (10 %)					
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218097

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-RR-01	11741850						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (35 %)						
Comment: Bulk complex sample.							
RP4454-RR-02	11741851						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (35 %)						
Comment: Bulk complex sample.							
RP4454-SS-01	11741852						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (35 %)						
Comment: Bulk complex sample.							
RP4454-SS-02	11741853						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (35 %)						
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218097

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-TT-01	11741854						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
RP4454-VV-01	11741855						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-WW-01	11741856						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
RP4454-XX-01	11741857						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
RP4454-YY-01	11741858						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
RP4454-ZZ-01	11741859						
Layer: Brown Fibrous Material			ND				
Layer: Green Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4454-A3-01	11741860						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4454-B3-01	11741861						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Tan Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)							
RP4454-C3-01	11741862						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Report Number: B218097

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-D3-01	11741863						
Layer: Brown Mastic							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (Trace)							
RP4454-E3-01	11741864						
Layer: Grey Non-Fibrous Material		Chrysotile					Trace
Layer: Paint							ND
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4454-F3-01	11741865						
Layer: White Drywall							ND
Layer: White Joint Compound							ND
Layer: Paint							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (10 %)						
RP4454-F3-02	11741866						
Layer: White Drywall							ND
Layer: White Joint Compound							ND
Layer: Paint							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	A	01	PAINT/SKIM COAT	WHITE/WHITE,	CONCRETE	
RP4454	A	02				
RP4454	A	03				
RP4454	A	04				
RP4454	A	05				
RP4454	A	06				
RP4454	A	07				
RP4454	B	01	PAINT/SKIM COAT	WHITE/GRAY,	CMU	
RP4454	B	02				
RP4454	B	03				

ANALYTICAL METHOD: PLM ~~ACCP/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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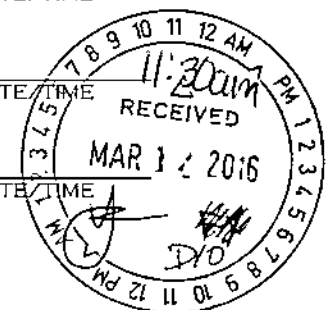
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	B	04				
RP4454	B	05				
RP4454	B	06				
RP4454	B	07				
RP4454	C	01	VFT/MAS	9" GRAY/BLACK		
RP4454	D	01	VFT/MAS	12" WHITE/BLACK		
RP4454	E	01	ACP	21X4' WHITE, FEXTURE PINHOLE		
RP4454	F	01	PAINT/PLASTER	WHITE/GRAY, PIPE CHASE		
RP4454	F	02				
RP4454	F	03				

ANALYTICAL METHOD: PLM ~~ACCP/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	G	01	MORTAR/GROUT	WHITE/WHITE	CERAMIC WALL	
RP4454	G	02				
RP4454	H	01	PAINT/PLASTER	WHITE/GRAY	Ceilings	
RP4454	H	02				
RP4454	H	03				
RP4454	I	01	MORTAR/GROUT	GRAY & BLACK	CERAMIC FLOOR	
RP4454	K	01	ACP	2'x4' WHITE, FIBERGLASS	SOLID	
RP4454	L	01	MORTAR/GROUT	GRAY/GRAY	CERAMIC FLOOR	
RP4454	M	01	FLEX JOINT	WHITE, ROUND	DUCT	
RP4454	N	01	TAPE	WHITE, DUCT		

sample not submitted →
JNR 3/11/16

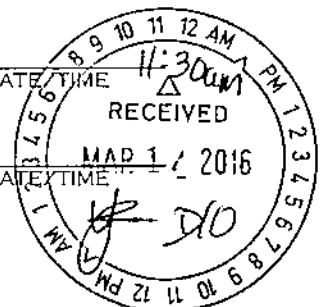
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	O	01	JOINT COMPOUND	WHITE, PATCHING		
RP4454	O	02	↓	↓		
RP4454	Q	01	BASQUEL/MAS	4" DITGE/YELLOW		
RP4454	R	01	ACP	2'x4' WHITE, FIBERGLASS TEXTURED)		
RP4454	S	01	ACP	2'x4' WHITE, HORIZONTAL FIBRE		
RP4454	T	01	VFT/MAS	9" BROWN/BLACK		
RP4454	U	01	VFT/MAS	9" TAN/BLACK		
RP4454	V	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY		
RP4454	V	02	↓	↓		
RP4454	W	01	PAINT/STUCCO	WHITE/GRAY, EXTERIOR		

ANALYTICAL METHOD: PLM ~~ACPT/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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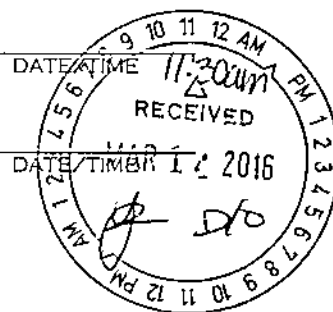
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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	W	02	↓	↓		
RP4454	W	03	↓	↓		
RP4454	X	01	SEALANT	GRAY, EXTERIOR DF, W/F, SEAMS		
RP4454	X	02	↓	↓		
RP4454	X	03	↓	↓		
RP4454	Y	01	GLAZING	TAN, WINDOW		
RP4454	Z	01	GASKET	RED, ROUND DUCT		
RP4454	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4454	AA	02	↓	↓		
RP4454	BB	01	SEALANT	GRAY, LOUVER		

ANALYTICAL METHOD: PLM ~~400 PTC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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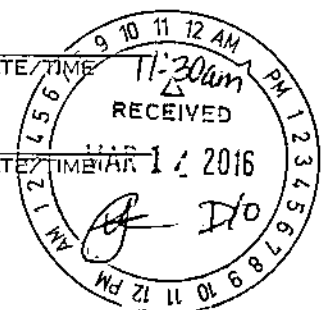
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OFFICE 510.346.8860
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CLIENT: FORA

DATE: 01/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	CC	01	SEALANT	GRAY, VENT		
RP4454	DD	01	GLAZING	WHITE, EXTERIOR WINDOW DOOR		
RP4454	EE	01	SEALANT	GRAY, EXPANSION JOINT		
RP4454	FF	01	INSULATOR	BLACK, ELECT BOX		
RP4454	GG	01	INSULATOR	BROWN, ELECT BOX		
RP4454	HH	01	CEMENT PIPE	GRAY, 20" OD		
RP4454	II	01	INSULATION	WHITE, TANK		
RP4454	UU	01	JACKETING / MAS	WHITE / BLACK, PIPES		
RP4454	UU	02	↓	↓		
RP4454	KK	01	JACKETING	WHITE, VALVES		

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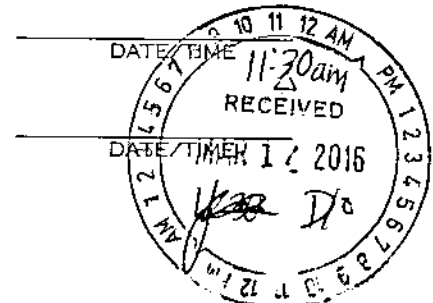
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TRANSFER SIGNATURE

PRINTED NAME



3. _____
TRANSFER SIGNATURE

PRINTED NAME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	KK	02	↓	↓		
RP4454	LL	01	INSULATOR	GRAY, ELECT BOX		
RP4454	MM	01	INSULATOR PAPER	BEIGE, ELECT BOX		
RP4454	NN	01	INSULATOR	BLACK, ELECT BOX		
RP4454	PP	01	JACKETING	WHITE, ELBOW		
RP4454	PP	02	↓	↓		
RP4454	QQ	01	ROOF-FIELD	BLACK & BLACK, T&G		
RP4454	QQ	02	↓	↓		
RP4454	RR	01	PARAPET/BASE	GRAY/BLACK, BUILT UP		
RP4454	RR	02	↓	↓		

ANALYTICAL METHOD: PLM ~~AOPT~~ ~~COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/12/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

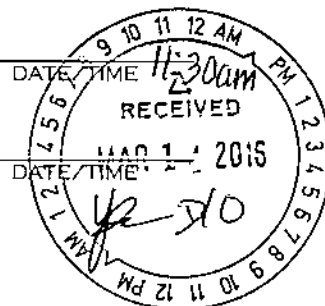
PRINTED NAME

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CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	SS	01	FLASHING	BLACK & BLACK, T&G		
RP4454	SS	02	↓	↓		
RP4454	TT	01	MASTIC	GRAY & BLACK, ROOF		
RP4454	VV	01	SEALANT	WHITE, CEMENT EXHAUST, ROOF		
RP4454	WW	01	ACP	2'x4' WHITE PINHOLE GOUGE		
RP4454	XX	01	ACP	2'x4' WHITE, RANDOM PINHOLE		
RP4454	YY	01	GASKET	BLACK, SHOWER LIGHT		
RP4454	ZZ	01	INSULATION	BROWN, FIRE DOOR		
RP4454	A3	01	SEALANT	GRAY, ROOF FLASHING		
RP4454	B3	01	VAPOR BARRIER	BLACK, UNDER CERAMIC FLOOR		

ANALYTICAL METHOD: PLM 400 PFC COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

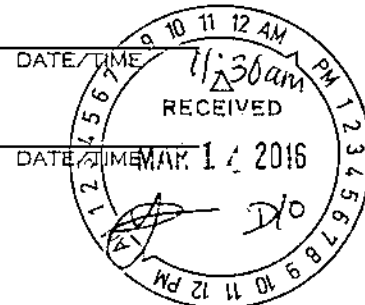
1. [Signature]
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/12/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME



3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME: _____



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	C3	01	VAPOR BARRIER	BLACK, CONCRETE FOUNDATION		
RP4454	D3	01	MASTIC	BROWN, WALL PANEL		
RP4454	E3	01	GLAZING	WHITE, INTERIOR WINDOW DOOR		
RP4454	F3	01	W/B/SC	GRAY/WHITE	SHOWER CEILING	
RP4454	F3	02	↓	↓		
85 SAMPLES						

ANALYTICAL METHOD: PLM ~~400 PTCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/12/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

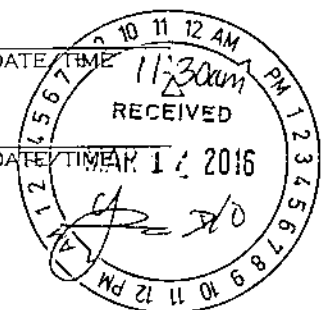
PRINTED NAME

DATE/TIME

3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B219008
Date Received: 03/31/16
Date Analyzed: 04/05/16
Date Printed: 04/05/16
First Reported: 04/05/16

Job ID/Site: 161091001 - RP4454

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Date(s) Collected: 03/29/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4454-I-01	11749100						
Layer: Brown Ceramic Tile			ND				
Layer: Brown Mastic			ND				
Layer: Grey Grout			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/29/16

LOCATION: RP4454

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4454	I	01	MORTAR/GROUT	GRAY & BLACK / GRAY	CERAMIC FLOOR	
ONE SAMPLES						

ANALYTICAL METHOD: PLM 400 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. *Luis Javier Rocha*
TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME

03/29/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

3. _____
TRANSFER SIGNATURE

PRINTED NAME

DATE/TIME

**FORA
RP4454
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1										2.87	cps
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1.1	mg/cm ²
4					CALIBRATE				Positive	1	mg/cm ²
165	RP 4454	1	OUTSIDE	NORTH	VENT	METAL	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
166	RP 4454	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
167	RP 4454	1	OUTSIDE	NORTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.11	mg/cm ²
168	RP 4454	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BLUE, LIGHT	DETERIORATED	Negative	0.3	mg/cm ²
169	RP 4454	1	OUTSIDE	NORTH	DOOR	METAL	BLUE, LIGHT	DETERIORATED	Negative	0	mg/cm ²
170	RP 4454	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
171	RP 4454	1	OUTSIDE	NORTH	CEILING	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
172	RP 4454	1	OUTSIDE	NORTH	STAIRS	CONCRETE	YELLOW	DETERIORATED	Positive	10.1	mg/cm ²
173	RP 4454	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
174	RP 4454	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
175	RP 4454	1	OUTSIDE	EAST	POST	WOOD	YELLOW	DETERIORATED	Positive	2.9	mg/cm ²
176	RP 4454	1	OUTSIDE	NORTH	PARKING BLOCK	WOOD	YELLOW	DETERIORATED	Positive	4.9	mg/cm ²
177	RP 4454	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
178	RP 4454	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.01	mg/cm ²
179	RP 4454	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
180	RP 4454	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
181	RP 4454	1	OUTSIDE	SOUTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0	mg/cm ²
182	RP 4454	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN, LIGHT	INTACT	Positive	4.2	mg/cm ²
183	RP 4454	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN, LIGHT	INTACT	Negative	0.16	mg/cm ²
184	RP 4454	1	OUTSIDE	SOUTH	FLOOR	CONCRETE	GRAY	DETERIORATED	Negative	0	mg/cm ²
185	RP 4454	1	OUTSIDE	SOUTH	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4454
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
186	RP 4454	1	OUTSIDE	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
187	RP 4454	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.05	mg/cm ²
188	RP 4454	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
189	RP 4454	1	1	NORTH	DOOR	METAL	BROWN, LIGHT	INTACT	Negative	0.11	mg/cm ²
190	RP 4454	1	1	NORTH	DOOR FRAME	METAL	BROWN, LIGHT	INTACT	Negative	0.17	mg/cm ²
191	RP 4454	1	1	NORTH	RADIATOR	METAL	BROWN, LIGHT	INTACT	Positive	2	mg/cm ²
192	RP 4454	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	2.2	mg/cm ²
193	RP 4454	1	1	WEST	COLUMN	PLASTER	WHITE	INTACT	Positive	2.4	mg/cm ²
194	RP 4454	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	3.4	mg/cm ²
195	RP 4454	1	1	WEST	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.1	mg/cm ²
196	RP 4454	1	1	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.9	mg/cm ²
197	RP 4454	1	1	WEST	DOOR	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
198	RP 4454	1	1	EAST	COLUMN	CONCRETE	WHITE	INTACT	Positive	2.3	mg/cm ²
199	RP 4454	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.5	mg/cm ²
200	RP 4454	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
201	RP 4454	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2	mg/cm ²
202	RP 4454	1	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
203	RP 4454	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
204	RP 4454	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
205	RP 4454	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
206	RP 4454	1	1	NORTH	WALL PANEL	METAL	BROWN	INTACT	Negative	0.08	mg/cm ²
207	RP 4454	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.27	mg/cm ²
208	RP 4454	1	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.21	mg/cm ²
209	RP 4454	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
210	RP 4454	1	1	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4454
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
211	RP 4454	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
212	RP 4454	1	1	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.18	mg/cm ²
213	RP 4454	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
214	RP 4454	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
215	RP 4454	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
216	RP 4454	1	1	WEST	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.7	mg/cm ²
217	RP 4454	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	2.1	mg/cm ²
218	RP 4454	1	2	NORTH	WALL	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
219	RP 4454	1	2	NORTH	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.03	mg/cm ²
220	RP 4454	1	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
221	RP 4454	1	2	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
222	RP 4454	1	2	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
223	RP 4454	1	2	NORTH	SHELF	WOOD	WHITE	INTACT	Negative	0.04	mg/cm ²
224	RP 4454	1	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
225	RP 4454	1	3	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
226	RP 4454	1	3	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
227	RP 4454	1	3	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
228	RP 4454	1	3	NORTH	RADIATOR	METAL	WHITE	INTACT	Negative	0.22	mg/cm ²
229	RP 4454	1	3	SOUTH	CABINET	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
230	RP 4454	1	3	EAST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.29	mg/cm ²
231	RP 4454	1	4	NORTH	WALL	CERAMIC	TAN	INTACT	Positive	8.6	mg/cm ²
232	RP 4454	1	4	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
233	RP 4454	1	4		CEILING	PLASTER	WHITE	INTACT	Negative	0.03	mg/cm ²
234	RP 4454	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
235	RP 4454	1	4	EAST	STALL	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4454
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
236	RP 4454	1	4		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.02	mg/cm ²
237	RP 4454	1	4	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
238	RP 4454	1	4	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.15	mg/cm ²
239	RP 4454	1	5	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.24	mg/cm ²
240	RP 4454	1	5	NORTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
241	RP 4454	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
242	RP 4454	1	5	SOUTH	WALL	WOOD	WHITE	INTACT	Negative	0.04	mg/cm ²
243	RP 4454	1	5	SOUTH	TRIM	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
244	RP 4454	1	5	NORTH	CABINET	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
245	RP 4454	1	5	SOUTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.1	mg/cm ²
246	RP 4454	1	5	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
247	RP 4454	1	6	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0.03	mg/cm ²
248	RP 4454	1	6	NORTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.02	mg/cm ²
249	RP 4454	1	6	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.04	mg/cm ²
250	RP 4454	1	7	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
251	RP 4454	1	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
252	RP 4454	1	7	NORTH	SHELF	WOOD	WHITE	INTACT	Negative	0.04	mg/cm ²
253	RP 4454	1	7		FLOOR	CONCRETE	GRAY	INTACT	Negative	0	mg/cm ²
254	RP 4454	1	8	WEST	SHELF	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
255	RP 4454	1	8	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0.03	mg/cm ²
256	RP 4454	1	9	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
257	RP 4454	1	9	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
258	RP 4454	1	9	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
259	RP 4454	1	9	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0.04	mg/cm ²
260	RP 4454	1	9	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4454
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
261	RP 4454	1	9	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
262	RP 4454	1	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
263	RP 4454	1	STAIRWELL W	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
264	RP 4454	1	STAIRWELL W	EAST	HAND RAIL	METAL	BROWN	DETERIORATED	Positive	1.8	mg/cm ²
265	RP 4454	1	STAIRWELL W		STAIRS	CONCRETE	BROWN	DETERIORATED	Negative	0.08	mg/cm ²
266	RP 4454	1	STAIRWELL W		STAIRS	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
267	RP 4454	1	STAIRWELL W		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
268	RP 4454	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
269	RP 4454	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
270	RP 4454	2	1	SOUTH	EXPANSION JOINT	METAL	WHITE	INTACT	Negative	0.08	mg/cm ²
271	RP 4454	2	1		EXPANSION JOINT	METAL	BLACK	DETERIORATED	Negative	0.2	mg/cm ²
272	RP 4454	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.7	mg/cm ²
273	RP 4454	2	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
274	RP 4454	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
275	RP 4454	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
276	RP 4454	2	1	NORTH	WALL PANEL	METAL	BLACK	INTACT	Negative	0.04	mg/cm ²
277	RP 4454	2	1	NORTH	WALL PANEL	METAL	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
278	RP 4454	2	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
279	RP 4454	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
280	RP 4454	2	1	SOUTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
281	RP 4454	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
282	RP 4454	2	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.15	mg/cm ²
283	RP 4454	2	2	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.26	mg/cm ²
284	RP 4454	2	2	SOUTH	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.6	mg/cm ²
285	RP 4454	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4454
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
286	RP 4454	2	2	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
287	RP 4454	2	2	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
288	RP 4454	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
289	RP 4454	2	2	EAST	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
290	RP 4454	2	2	SOUTH	CABINET	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
291	RP 4454	2	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
292	RP 4454	2	4	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
293	RP 4454	2	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
294	RP 4454	2	5	SOUTH	WALL	CERAMIC	TAN	INTACT	Positive	8.2	mg/cm ²
295	RP 4454	2	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.7	mg/cm ²
296	RP 4454	2	5	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.25	mg/cm ²
297	RP 4454	2	5	WEST	STALL	METAL	BROWN	INTACT	Negative	0.25	mg/cm ²
298	RP 4454	2	5		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
299	RP 4454	2	5		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
300	RP 4454	2	5		FLOOR	DRYWALL	BROWN, LIGHT	INTACT	Negative	0.02	mg/cm ²
301	RP 4454	2	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
302	RP 4454	2	7	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
303	RP 4454	2	8	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.05	mg/cm ²
304	RP 4454	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
305	RP 4454	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
306	RP 4454	3	1	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0.04	mg/cm ²
307	RP 4454	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
308	RP 4454	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
309	RP 4454	3	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
310	RP 4454	3	2	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4454
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
311	RP 4454	3	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
312	RP 4454	3	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
313	RP 4454	3	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
314	RP 4454	3	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
315	RP 4454	3	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
316	RP 4454	3	7	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
317	RP 4454	3	7	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.13	mg/cm ²
318	RP 4454	3	8	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
319	RP 4454	ROOF	OUTSIDE		PIPE	METAL	GRAY	INTACT	Positive	76.6	mg/cm ²
342					CALIBRATE				Positive	1	mg/cm ²
343					CALIBRATE				Positive	1.2	mg/cm ²
344					CALIBRATE				Positive	1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

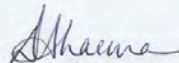
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71420-1
Client Project/Site: FORA RP4454

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/12/2016 3:56:38 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	16

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Job ID: 720-71420-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71420-1

Comments

No additional comments.

Receipt

The sample was received on 4/8/2016 2:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.4° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (LCS 720-200289/2-A), (LCSD 720-200289/3-A) and (MB 720-200289/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: HH4454-PCBB01 (720-71420-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HH4454-PCBB01 (720-71420-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Client Sample ID: HH4454-PCBB01

Lab Sample ID: 720-71420-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	130000000		36000000		ug/Kg	100000		8082	Total/NA

- 1
- 2
- 3
- 4
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- 10
- 11
- 12
- 13
- 14
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This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Client Sample ID: HH4454-PCBB01

Lab Sample ID: 720-71420-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:08	100000
PCB-1221	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:08	100000
PCB-1232	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:08	100000
PCB-1242	130000000		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:08	100000
PCB-1248	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:08	100000
PCB-1254	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:08	100000
PCB-1260	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 13:08	100000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/11/16 21:51	04/12/16 13:08	100000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/11/16 21:51	04/12/16 13:08	100000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71420-1	HH4454-PCBB01	0 X D	0 X D
LCS 720-200289/2-A	Lab Control Sample	58	84
LCSD 720-200289/3-A	Lab Control Sample Dup	65	85
MB 720-200289/1-A	Method Blank	55	83

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200289/1-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1221	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1232	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1242	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1248	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1254	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1260	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		32 - 112	04/11/16 14:42	04/12/16 00:57	1
DCB Decachlorobiphenyl	83		2 - 122	04/11/16 14:42	04/12/16 00:57	1

Lab Sample ID: LCS 720-200289/2-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	101		ug/Kg		75	55 - 112
PCB-1260	133	110		ug/Kg		82	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	58		32 - 112
DCB Decachlorobiphenyl	84		2 - 122

Lab Sample ID: LCSD 720-200289/3-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1016	133	105		ug/Kg		79	55 - 112	5	20
PCB-1260	133	113		ug/Kg		85	65 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	65		32 - 112
DCB Decachlorobiphenyl	85		2 - 122

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

GC Semi VOA

Analysis Batch: 200260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	8082	200289
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	200289
MB 720-200289/1-A	Method Blank	Total/NA	Solid	8082	200289

Prep Batch: 200289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71420-1	HH4454-PCBB01	Total/NA	Solid	3550B	
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 720-200289/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71420-1	HH4454-PCBB01	Total/NA	Solid	8082	200289

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Client Sample ID: HH4454-PCBB01

Lab Sample ID: 720-71420-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200289	04/11/16 21:51	JEP	TAL PLS
Total/NA	Analysis	8082		100000	200345	04/12/16 13:08	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4454

TestAmerica Job ID: 720-71420-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71420-1	HH4454-PCBB01	Solid	04/08/16 11:00	04/08/16 14:30

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Chain of Custody Record

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

TestAmerica Laboratories, Inc.

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		Date: _____	
Project Manager: Chris Burns		Carrier: _____	
Tel/Fax: _____		Lab Contact: _____	
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N)	
Sample Date 4/8/2016		Sample Type (C=Comp, G=Grab) Solid	
Sample Time 1100 G		# of Matrix Cont. 1	
Sample Identification HA9454 -PCBB01 RP		Sample Specific Notes:	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown			
Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & molli@vista-env.com			
Client Contact Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577 510-346-8860 888-296-0271 FORA HA9454 RP		Site Contact: Lab Contact: 8082 (3550 B or C) X	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		Therm ID No.: _____	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Received by: _____ Date/Time: 4/8/16 1300	
Relinquished by: _____ Date/Time: 4/8/16 1430		Company: Vista	
Relinquished by: _____ Date/Time: 4-8-16 1430		Company: Test America	



Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71420-1

Login Number: 71420

List Number: 1

Creator: Mullen, Joan

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
Zn	40	mg/kg	10	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Client Name & Address:		P.O. #: 161091001	Date: 4/12/16
Vista Environmental Consulting		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
2984 Teagarden Street		Due Date: _____ Due Time: _____	
San Leandro, CA 94577		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402		
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield		
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %		
Site: FORA	<input type="checkbox"/> TEM Microvac		
Job: RP	<input type="checkbox"/> Special Project:		
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com		<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>	

Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: 	Relinquished by:	Relinquished by:
Date / Time: <u>4/12/16 1430</u>	Date / Time:	Date / Time:

Received by: 	Received by:	Received by:
Date / Time: <u>APR 13 2016</u>	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING RP4456



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4456

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, U)	Vinyl Floor Tile/Mastic	9" Gray, Brown, Tan and 12" White/Black	Throughout Except Basement Mechanical Room, Restrooms, Stairwell, Laundry Rooms except 1st Floor , Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	34,750 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
DD	Glazing	White, Windows on Doors, Exterior	Exterior Doors with Windows	Class II	Category I - Non-Friable	126 SF (6 Doors)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II- Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II- Non-Friable	50 LF
KK	Jacketing	White, Valves	Basement Mechanical Room	Class I	Friable (RACM when Removed)	10 SF (10 Each)
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II- Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF

BUILDING RP4456 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
E3	Glazing	White, Windows on Doors, Interior	Interior Stairwell Doors	Class II	Category I - Non-Friable	126 SF (6 Doors)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
325	1	Outside	South	Floor	Concrete	Yellow	Deteriorated	6.3	mg/cm ²
331	1	Outside	North	Door Frame	Metal	Brown, Light	Deteriorated	1.2	mg/cm ²
333	1	Outside	North	Pipe	Metal	Beige	Deteriorated	2.9	mg/cm ²
368	1	1	West	Wall	Concrete	White	Intact	2.8	mg/cm ²
407	1	6	East	Wall	Ceramic	Tan	Intact	6.9	mg/cm ²
433	1	9	North	Door Frame	Metal	White	Intact	1.5	mg/cm ²
439	1	Stairwell W		Stairs	Concrete	Yellow	Intact	6.7	mg/cm ²
444	2	1	South	Door Frame	Metal	Brown	Intact	1	mg/cm ²
466	3	1	South	Door Frame	Metal	Brown	Intact	1	mg/cm ²
472	Roof	Outside		Pipe	Metal	Gray	Intact	80.3	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

BUILDING RP4456

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING RP4456

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	430
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	2

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells and rooms.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4456-PCBB01	Ballast Capacitor Oil	PCB-1242	190,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4456
ASBESTOS SAMPLING INVENTORY

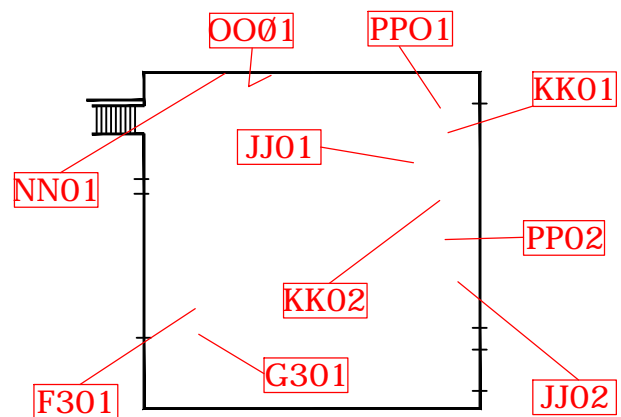
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	12" White/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Fiberglass	1
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/White, 4" Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	1
J	Not Used	Not Used	Not Used
K	Acoustic Ceiling Panel	2'x4' White, Texture Pinhole	1
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	1
P	Wallboard/Joint Compound	White/White	1
Q	Basecove/Mastic	4" Black/Black	1
R	Acoustic Ceiling Panel	2'x4' White, Gouge Pinhole	1
S	Acoustic Ceiling Panel	2'x4' White, Large Gouge Pinhole	1
T	Not Used	Not Used	Not Used
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

BUILDING RP4456 ASBESTOS SAMPLING INVENTORY




HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	1
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	White, Windows on Doors, Exterior	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Not Used	Not Used	Not Used
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

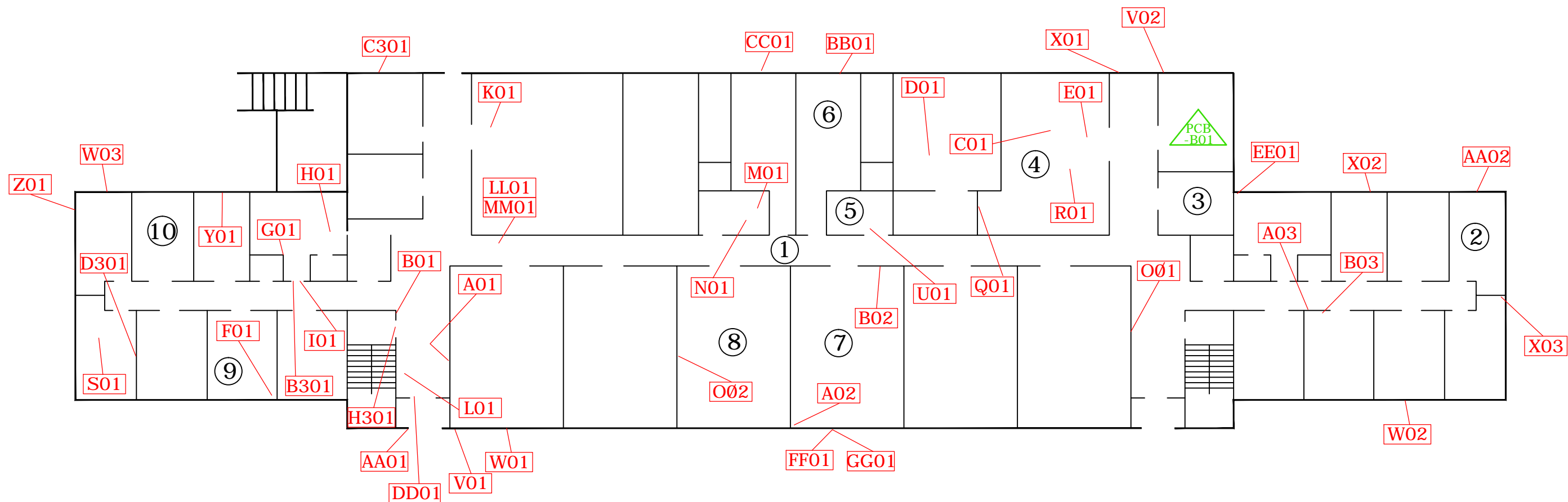
**BUILDING RP4456
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Sealant	Black, Expansion Joint	1
VV	Sealant	White, Cement Exhaust	1
WW	Not Used	Not Used	Not Used
XX	Not Used	Not Used	Not Used
YY	Gasket	Black, Shower Lights	1
ZZ	Not Used	Not Used	Not Used
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Mastic	Yellow, Wood Panel	1
E3	Wallboard/Joint Compound	Gray/White, Showers	2
F3	Jacketing	White, Breeching	1
G3	Jacketing	White & Yellow, Breeching	1
H3	Glazing	White, Window on Door, Interior	1



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

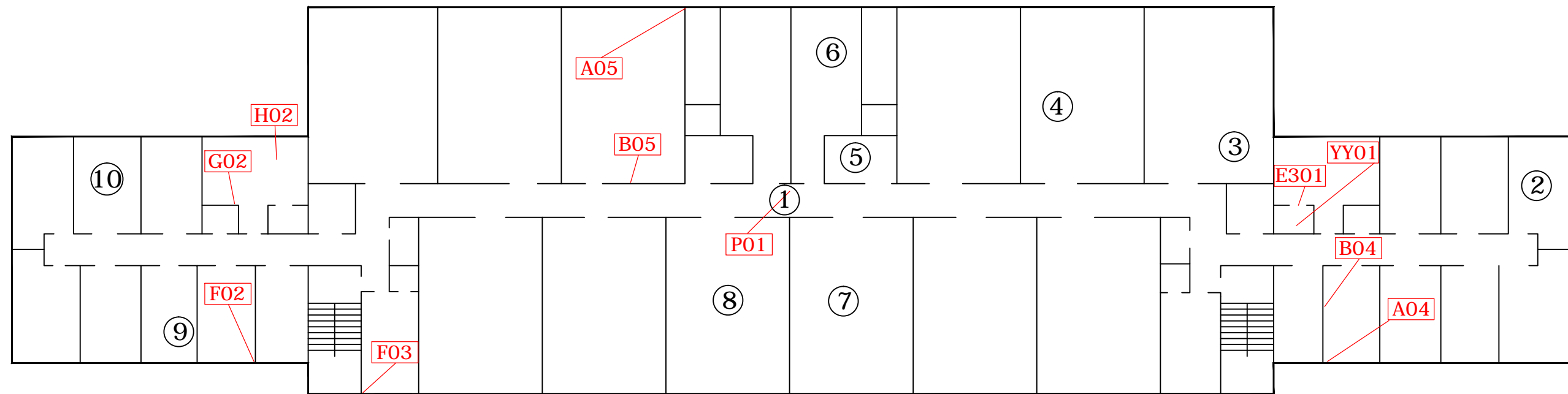
PROJECT TITLE
 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4456
 SAMPLE LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4456

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






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 510-346-8860

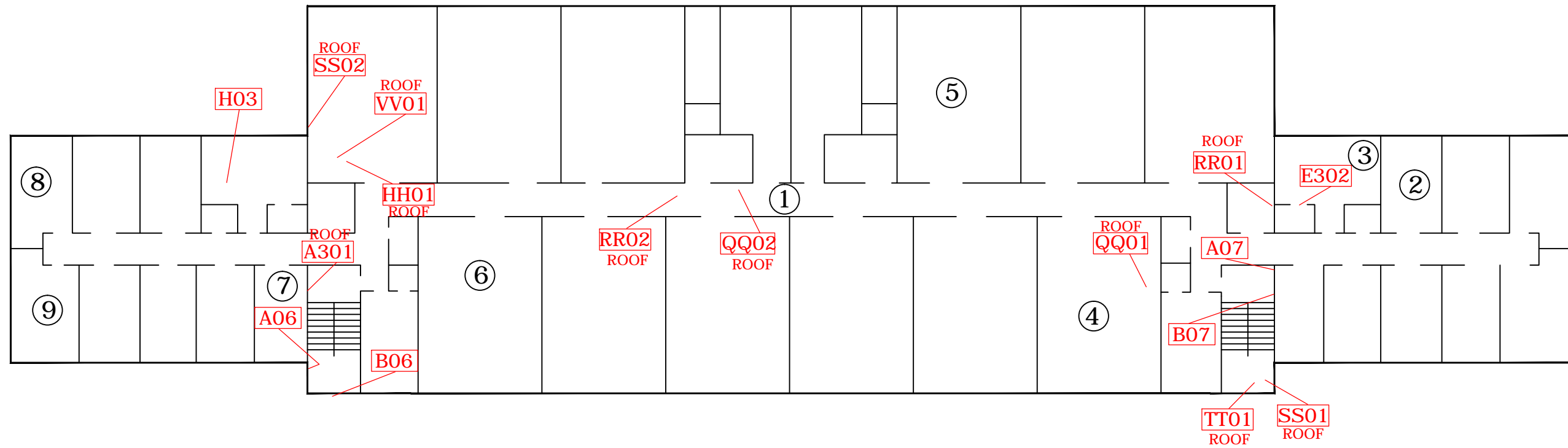
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4456
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE
 RP4456

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS





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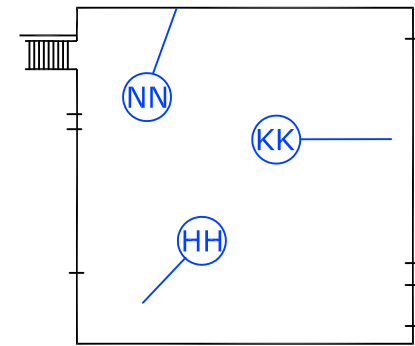
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4456
 SAMPLE LOCATIONS
 THIRD FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

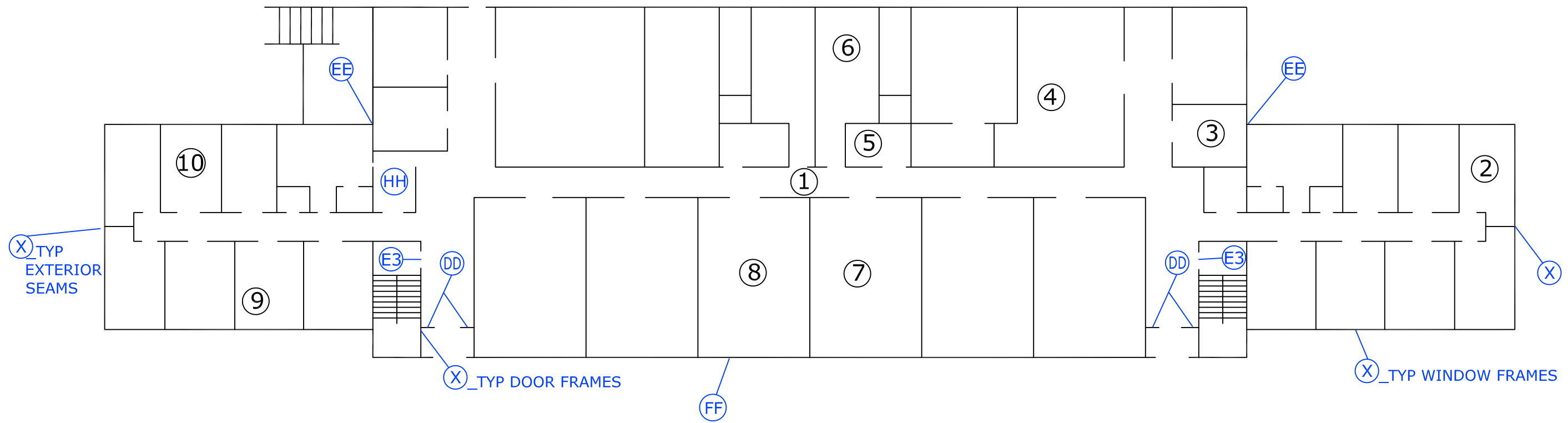
FIGURE
 RP4456

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, STAIRWELLS, LAUNDRY ROOMS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



SHEET TITLE

BUILDING RP4456
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

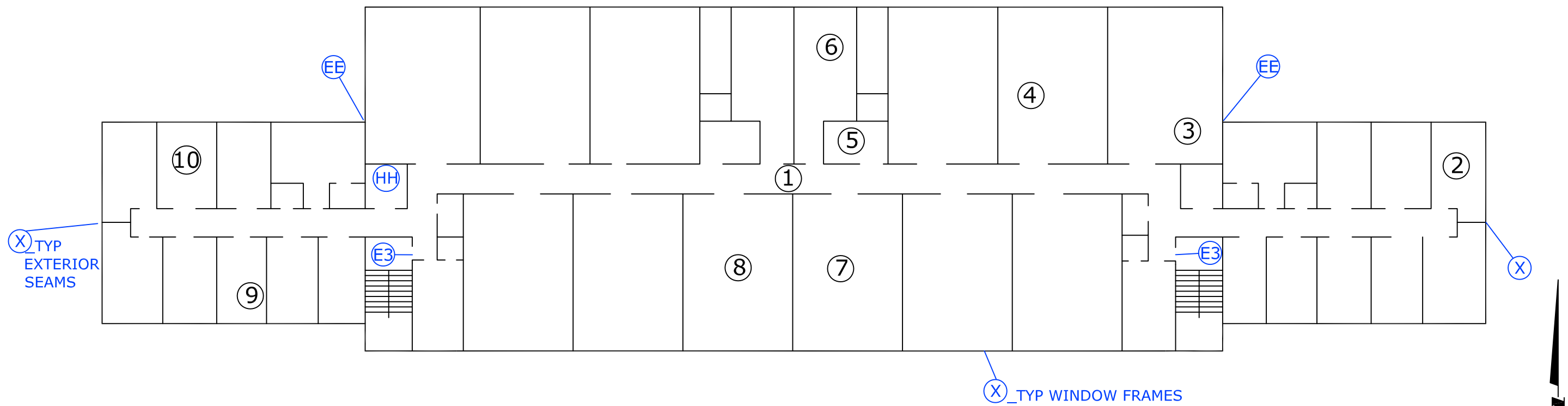
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 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4456

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS,
STAIRWELLS, STORAGE ROOMS AND
JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
SURPLUS II SITE
SEASIDE, CALIFORNIA



SHEET TITLE

BUILDING RP4456
MATERIAL LOCATIONS
SECOND FLOOR

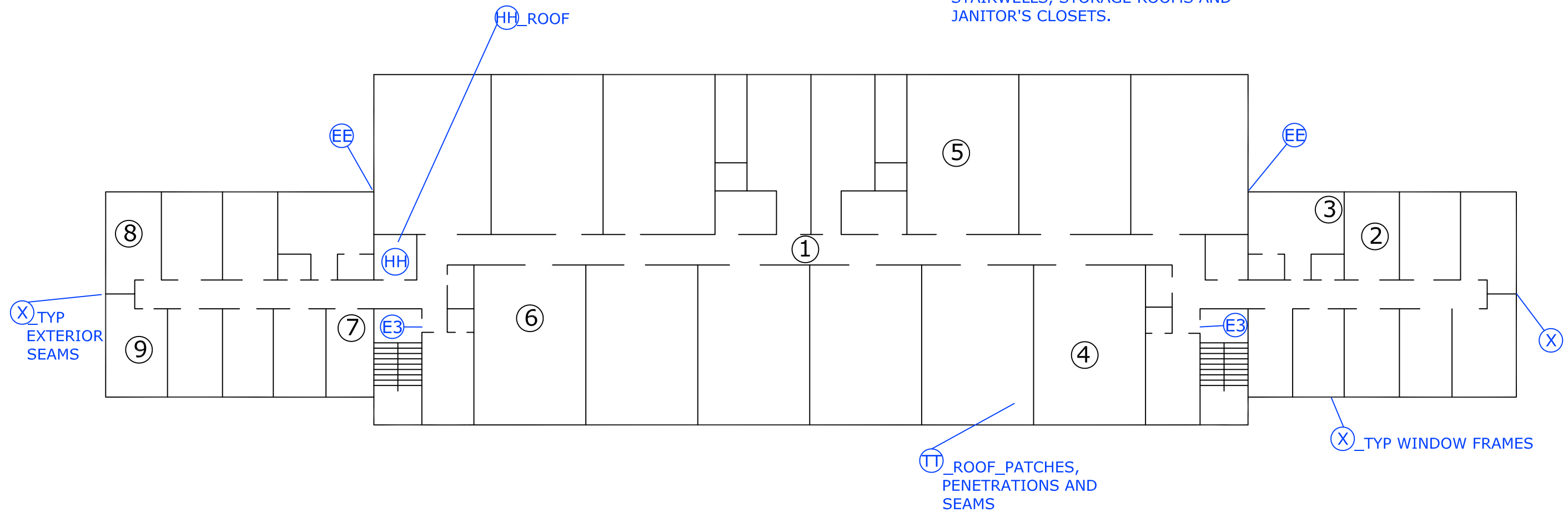
SCALE: 1" = 20'
DRAWN BY: ADF
CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4456

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS, STAIRWELLS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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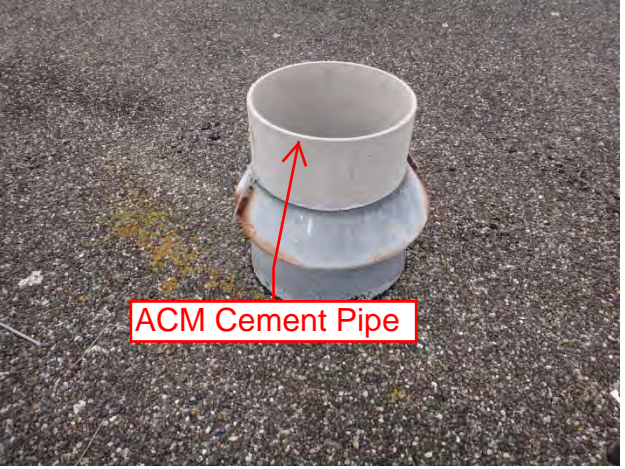
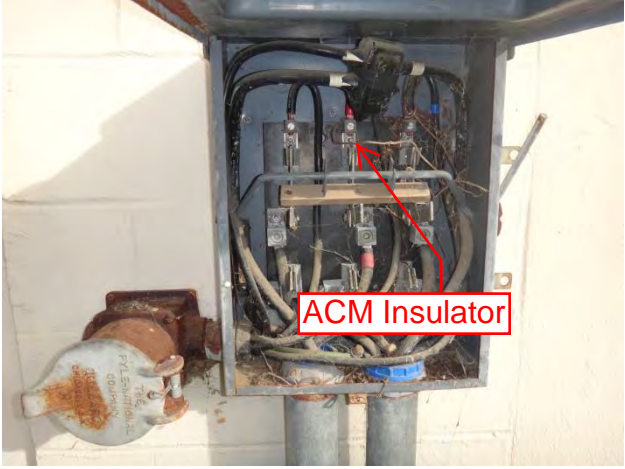
PROJECT TITLE
 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4456
 MATERIAL LOCATIONS
 THIRD FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4456

BUILDING RP4456
PHOTO DOCUMENTATION



BUILDING RP4456
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218092
Date Received: 03/14/16
Date Analyzed: 03/17/16
Date Printed: 03/17/16
First Reported: 03/17/16

Job ID/Site: 161091001 - FORA, RP4456

FALI Job ID: L1161
Total Samples Submitted: 82
Total Samples Analyzed: 82

Date(s) Collected: 03/10/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-A-01	11741592						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-A-02	11741593						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-A-03	11741594						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-A-04	11741595						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-A-05	11741596						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-A-06	11741597						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-A-07	11741598						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-B-01	11741599						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-B-02	11741600						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-B-03	11741601						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-B-04	11741602						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-B-05	11741603						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-B-06	11741604						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-B-07	11741605						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-C-01	11741606						
Layer: Tan Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (3%)					
RP4456-D-01	11741607						
Layer: Beige Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					
RP4456-E-01	11741608						
Layer: White Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (Trace)		Asbestos (ND)					
RP4456-F-01	11741609						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-F-02	11741610						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-F-03	11741611						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-G-01	11741612						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-G-02	11741613						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-H-01	11741614						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-H-02	11741615						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-H-03	11741616						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4456-I-01	11741617						
Layer: Grey Mortar			ND				
Layer: Black Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-K-01	11741618						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4456-L-01	11741619						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-M-01	11741620						
Layer: Black Semi-Fibrous Material			ND				
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %) Fibrous Glass (30 %) Synthetic (15 %)							
RP4456-N-01	11741621						
Layer: White Tape			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-O-01	11741622						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-P-01	11741623						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: White Tape			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4456-Q-01	11741624						
Layer: Black Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-R-01	11741625						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4456-S-01	11741626						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-U-01	11741627						
Layer: Tan Tile		Chrysotile	Trace				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4456-V-01	11741628						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-V-02	11741629						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-W-01	11741630						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-W-02	11741631						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-W-03	11741632						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-X-01	11741633						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4456-X-02	11741634						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-X-03	11741635						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4456-Y-01	11741636						
Layer: Clear Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-Z-01	11741637						
Layer: Red Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-AA-01	11741638						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-BB-01	11741639						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-CC-01	11741640						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-DD-01	11741641						
Layer: Tan Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4456-EE-01	11741642						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4456-FF-01	11741643						
Layer: Black Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-GG-01	11741644						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Synthetic (65 %)						
RP4456-HH-01	11741645						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	3 %		
Total Composite Values of Fibrous Components:		Asbestos (13%)					
Cellulose (Trace)							
RP4456-JJ-01	11741646						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: Black Mastic			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (75 %)						
RP4456-JJ-02	11741647						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: Black Mastic			ND				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (75 %)						
RP4456-KK-01	11741648						
Layer: White Woven Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	2 %				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (10 %)	Fibrous Glass (85 %)						
RP4456-KK-02	11741649						
Layer: White Woven Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	2 %				
Layer: Yellow Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (10 %)	Fibrous Glass (85 %)						
RP4456-LL-01	11741650						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-MM-01	11741651						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-NN-01	11741652						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4456-OO-01	11741653						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %) Synthetic (45 %)							
RP4456-PP-01	11741654						
Layer: Orange Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (95 %)							
RP4456-PP-02	11741655						
Layer: Orange Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (95 %)							
RP4456-QQ-01	11741656						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
RP4456-QQ-02	11741657						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-RR-01	11741658						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							
RP4456-RR-02	11741659						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							
RP4456-SS-01	11741660						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Stones			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (25 %)						
RP4456-SS-02	11741661						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Stones			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (25 %)						
RP4456-TT-01	11741662						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4456-VV-01	11741663						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-YY-01	11741664						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4456-A3-01	11741665						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Synthetic (70 %)							
RP4456-B3-01	11741666						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-C3-01	11741667						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-D3-01	11741668						
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4456-E3-01	11741669						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4456-E3-02	11741670						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4456-F3-01	11741671						
Layer: Off-White Woven Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
RP4456-G3-01	11741672						
Layer: Off-White Woven Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %) Fibrous Glass (10 %)							
RP4456-H3-01	11741673						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218092

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
-----------	------------	---------------	------------------	---------------	------------------	---------------	------------------



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/10/16

LOCATION: RP4456

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	A	01	PAINT/SKIM COAT	WHITE/WHITE CONCRETE		
RP4456	A	02				
RP4456	A	03				
RP4456	A	04				
RP4456	A	05				
RP4456	A	06				
RP4456	A	07				
RP4456	B	01	PAINT/SKIM COAT	WHITE/GRAY		
RP4456	B	02				
RP4456	B	03				

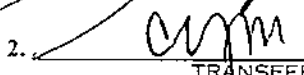
ANALYTICAL METHOD: PLM ~~400 PTC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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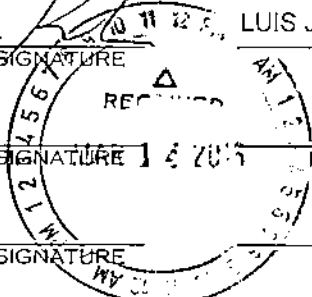
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.  LUIS JAVIER ROCHA 03/10/16
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/10/16

LOCATION: RP4456

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	B	04				
RP4456	B	05				
RP4456	B	06				
RP4456	B	07				
RP4456	C	01	VFT/MAS	9" GRAY / BLACK		
RP4456	D	01	VFT/MAS	12" WHITE / BLACK		
RP4456	E	01	ACP	2'x4' WHITE		
RP4456	F	01	PAINT / PLASTER	WHITE / GRAY / PIPER CHASR		
RP4456	F	02				
RP4456	F	03				

ANALYTICAL METHOD: PLM ~~GC/MS~~ ~~ICOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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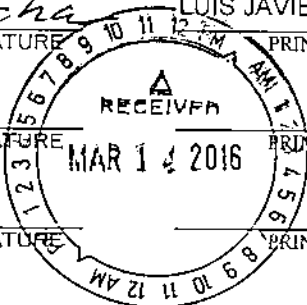
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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 03/10/16

LOCATION: RP4456

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	G	01	MORTAR / GROUT	WHITE / WHITE 4" CERAMIC WALL		
RP4456	G	02	↓	↓		
RP4456	H	01	PAINT / PLASTER	WHITE / GRAY CEILING		
RP4456	H	02	↓	↓		
RP4456	H	03	↓	↓		
RP4456	I	01	MORTAR / GROUT	GRAY / BLACK / GRAY, 1" CREAMY FLOOR		
RP4456	K	01	ACP	2'x4' WHITE FISSURE PINHOLE		
RP4456	L	01	MORTAR / GROUT	GRAY / GRAY 1" QUARRY FLOOR TILE		
RP4456	M	01	FLRX JOINT	WHITE PAINT DUCT		
RP4456	N	01	TAPE	WHITE, DUCT		

ANALYTICAL METHOD: PLM ~~400 PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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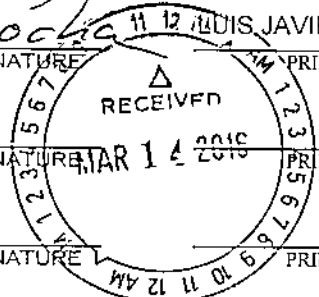
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SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	O	01	JOINT COMPOUND	WHITE, CMU PATCH		
RP4456	P	01	WB/SL	WHITE / WHITE		
RP4456	Q	01	BC/MAS	4" BLACK / BLACK		
RP4456	R	01	ACP	2'x4' WHITE GROUT PINHOLE		
RP4456	S	01	ACP	2'x4' WHITE LARGE GROUT PINHOLE		
RP4456	U	01	VFT/MAS	9" TAY / BLACK		
RP4456	V	01	PAINT/CMU / MORTAR	WHITE / GRAY / GRAY / FXT		
RP4456	V	02	↓	↓		
RP4456	W	01	PAINT / STUCCO	WHITE / GRAY		
RP4456	W	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 FT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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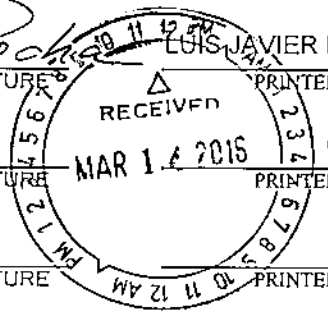
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ASBESTOS BULK SAMPLE LOG

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FAX 888.653.8889

CLIENT: FORA

DATE: 03/10/16

LOCATION: RP4456

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	W	03	↓	↓		
RP4456	X	01	SEALANT	GRAY, FEXT		
RP4456	X	02	↓	↓		
RP4456	X	03	↓	↓		
RP4456	Y	01	GLAZING	TAN, WINDOW		
RP4456	Z	01	GASKET	RED FEXT		
RP4456	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4456	BB	01	SEALANT	GRAY, LOWER		
RP4456	CC	01	SEALANT	CLEAR GRAY		
RP4456	DD	01	GLAZING	WHITE, DOOR-WINDOW		

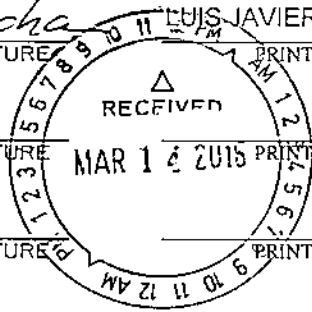
ANALYTICAL METHOD: PLM ~~400 PFC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 03/10/16

LOCATION: RP4456

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	EE	01	SEALANT	GRAY EXPANSION JOINT		
RP4456	FF	01	INSULATOR	BLACK ELECTRICAL BOX BOARD		
RP4456	GG	01	INSULATOR	BROWN ELECTRICAL BOX		
RP4456	HH	01	CEMENT PIPE	GRAY		
RP4456	JJ	01	JACKETING / MASTIC	WHITE / BLACK		
RP4456	JJ	02	↓	↓		
RP4456	KK	01	JACKETING	WHITE, VALVES		
RP4456	KK	02	↓	↓		
RP4456	LL	01	INSULATOR	GRAY ELECTRICAL BOX		
RP4456	MM	01	INSULATOR PAPER	BROWN ELECTRICAL BOX		

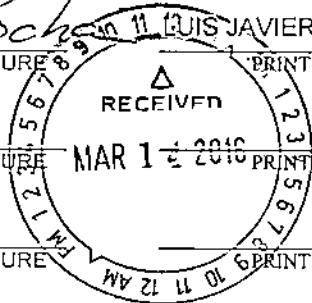
ANALYTICAL METHOD: PLM ~~400 P.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/10/16

LOCATION: RP4456

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	NW	01	INSULATOR	BLACK ELECTRICAL BOX		
RP4456	OO	01	INSULATOR PAPER	GRAY ELECTRICAL BOX		
RP4456	PP	01	JACKETING	WHITE, ELBOWS		
RP4456	PP	02	↓	↓		
RP4456	QQ	01	ROOF FIELD	BLACK TEG		
RP4456	QQ	02	↓	↓		
RP4456	RR	01	PARAPET /BASE	GRAY/BLACK BUILT UP		
RP4456	RR	02	↓	↓		
RP4456	SS	01	FLASHING	BLACK, TEG		
RP4456	SS	02	↓	↓		

ANALYTICAL METHOD: PLM 400 PT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
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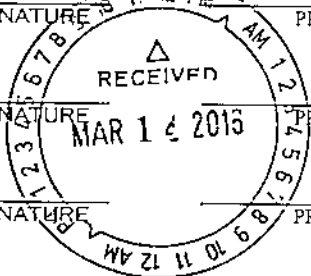
SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA 03/10/16
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2. [Signature] d/o
 TRANSFER SIGNATURE PRINTED NAME DATE/TIME

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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/10/16

LOCATION: RP4456

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4456	TT	01	MASTIC	GRAY & BLACK		
RP4456	VV	01	SEALANT	WHITE CEMENT EXHAUST		
RP4456	YY	01	GASKET	BLACK SHOWER LIGHTS		
RP4456	AB	01	SEALANT	GRAY, ROOF FLASHING		
RP4456	BB	01	VAPOR BARRIER	BLACK FLOOR		
RP4456	CC	01	VAPOR BARRIER	BLACK FOUNDATION		
RP4456	DB	01	MASTIC	YELLOW WOOD PAWEL		
RP4456	E3	01	WB/SC	GRAY/WHITE		
RP4456	F3	02	↓	↓		
RP4456	F3	01	JACKETING	WHITE, BRICKING		

ANALYTICAL METHOD: PLM ~~400 P.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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SPECIAL INSTRUCTIONS: _____

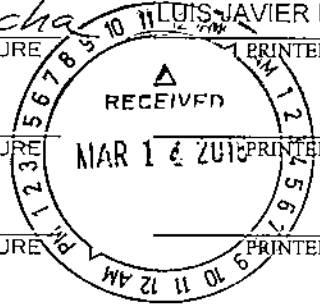
CHAIN OF CUSTODY:

- [Signature] TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME
- [Signature] TRANSFER SIGNATURE dfs PRINTED NAME
- _____
TRANSFER SIGNATURE _____ PRINTED NAME

03/10/16
DATE/TIME

DATE/TIME

DATE/TIME



**FORA
RP4456
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1										2.87	
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1.1	mg/cm ²
4					CALIBRATE				Positive	1	mg/cm ²
320	RP 4456	1	OUTSIDE	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
321	RP 4456	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
322	RP 4456	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.03	mg/cm ²
323	RP 4456	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
324	RP 4456	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.4	mg/cm ²
325	RP 4456	1	OUTSIDE	SOUTH	FLOOR	CONCRETE	YELLOW	DETERIORATED	Positive	6.3	mg/cm ²
326	RP 4456	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
327	RP 4456	1	OUTSIDE	SOUTH	WALL PANEL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
328	RP 4456	1	OUTSIDE	SOUTH	CEILING	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
329	RP 4456	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
330	RP 4456	1	OUTSIDE	NORTH	HAND RAIL	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.6	mg/cm ²
331	RP 4456	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN, LIGHT	DETERIORATED	Positive	1.2	mg/cm ²
332	RP 4456	1	OUTSIDE	NORTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.01	mg/cm ²
333	RP 4456	1	OUTSIDE	NORTH	PIPE	METAL	BEIGE	DETERIORATED	Positive	2.9	mg/cm ²
334	RP 4456	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0	mg/cm ²
335	RP 4456	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
336	RP 4456	1	OUTSIDE	NORTH	LOUVER	METAL	GRAY	DETERIORATED	Negative	0.02	mg/cm ²
337	RP 4456	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
338	RP 4456	1	OUTSIDE	NORTH	VENT	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
339	RP 4456	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
340	RP 4456	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4456
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
341	RP 4456	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
342					CALIBRATE				Positive	1	mg/cm ²
343					CALIBRATE				Positive	1.2	mg/cm ²
344					CALIBRATE				Positive	1	mg/cm ²
345	RP 4456	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
346	RP 4456	1	1	WEST	COLUMN	PLASTER	WHITE	INTACT	Negative	0.5	mg/cm ²
347	RP 4456	1	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
348	RP 4456	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
349	RP 4456	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
350	RP 4456	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
351	RP 4456	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
352	RP 4456	1	1	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
353	RP 4456	1	1	WEST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.29	mg/cm ²
354	RP 4456	1	1	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
355	RP 4456	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
356	RP 4456	1	1	WEST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
357	RP 4456	1	1	WEST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
358	RP 4456	1	1	WEST	DOOR	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
359	RP 4456	1	1	WEST	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
360	RP 4456	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.27	mg/cm ²
361	RP 4456	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
362	RP 4456	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
363	RP 4456	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.11	mg/cm ²
364	RP 4456	1	1	NORTH	WALL PANEL	METAL	WHITE	INTACT	Negative	0.1	mg/cm ²
365	RP 4456	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4456
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
366	RP 4456	1	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
367	RP 4456	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
368	RP 4456	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	2.8	mg/cm ²
369	RP 4456	1	1	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
370	RP 4456	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
371	RP 4456	1	1	EAST	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.17	mg/cm ²
372	RP 4456	1	1	WEST	RADIATOR	METAL	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
373	RP 4456	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
374	RP 4456	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.7	mg/cm ²
375	RP 4456	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.7	mg/cm ²
376	RP 4456	1	1	SOUTH	EXPANSION JOINT	METAL	WHITE	INTACT	Negative	0.13	mg/cm ²
377	RP 4456	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
378	RP 4456	1	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
379	RP 4456	1	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.09	mg/cm ²
380	RP 4456	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
381	RP 4456	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.12	mg/cm ²
382	RP 4456	1	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
383	RP 4456	1	2	WEST	WALL	WOOD	VARNISH	INTACT	Negative	0.06	mg/cm ²
384	RP 4456	1	2	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
385	RP 4456	1	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
386	RP 4456	1	2	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
387	RP 4456	1	2	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
388	RP 4456	1	2	SOUTH	SHELF	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
389	RP 4456	1	2	WEST	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
390	RP 4456	1	3	EAST	COLUMN	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²

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**FORA
RP4456
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
391	RP 4456	1	3	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
392	RP 4456	1	3	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
393	RP 4456	1	3	SOUTH	CABINET	WOOD	BLUE	INTACT	Negative	0.03	mg/cm ²
394	RP 4456	1	3	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.1	mg/cm ²
395	RP 4456	1	3	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
396	RP 4456	1	4	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.22	mg/cm ²
397	RP 4456	1	4	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.12	mg/cm ²
398	RP 4456	1	4	EAST	WALL	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
399	RP 4456	1	4	WEST	HVAC	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
400	RP 4456	1	4	WEST	WALL	CONCRETE	BROWN	INTACT	Negative	0.05	mg/cm ²
401	RP 4456	1	5	WEST	WALL	CONCRETE	BLUE	INTACT	Negative	0.02	mg/cm ²
402	RP 4456	1	5	WEST	DUCT	METAL	WHITE	INTACT	Negative	0	mg/cm ²
403	RP 4456	1	5	WEST	DUCT	METAL	BLUE	INTACT	Negative	0	mg/cm ²
404	RP 4456	1	5	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
405	RP 4456	1	5	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
406	RP 4456	1	6	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
407	RP 4456	1	6	EAST	WALL	CERAMIC	TAN	INTACT	Positive	6.9	mg/cm ²
408	RP 4456	1	6		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
409	RP 4456	1	6		CEILING	DRYWALL	WHITE	DETERIORATED	Negative	0	mg/cm ²
410	RP 4456	1	6		FLOOR	CERAMIC	BROWN, LIGHT	DETERIORATED	Negative	0.01	mg/cm ²
411	RP 4456	1	6	NORTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
412	RP 4456	1	6	WEST	STALL	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
413	RP 4456	1	6	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.13	mg/cm ²
414	RP 4456	1	6	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
415	RP 4456	1	7	EAST	SHELF	WOOD	BLUE	INTACT	Negative	0	mg/cm ²

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**FORA
RP4456
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
416	RP 4456	1	7	WEST	CABINET	METAL	BLUE	INTACT	Negative	0	mg/cm ²
417	RP 4456	1	7	WEST	CABINET	METAL	WHITE	INTACT	Negative	0	mg/cm ²
418	RP 4456	1	7	SOUTH	RADIATOR	METAL	BLUE	INTACT	Negative	0.11	mg/cm ²
419	RP 4456	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
420	RP 4456	1	7	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
421	RP 4456	1	7	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
422	RP 4456	1	7	NORTH	WALL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
423	RP 4456	1	7	NORTH	TRIM	WOOD	VARNISH	INTACT	Negative	0.02	mg/cm ²
424	RP 4456	1	7	NORTH	BASEBOARD	CERAMIC	BLUE	INTACT	Negative	0.01	mg/cm ²
425	RP 4456	1	7	NORTH	DOOR FRAME	METAL	BLUE	INTACT	Negative	0.02	mg/cm ²
426	RP 4456	1	7	NORTH	DOOR	WOOD	BLUE	INTACT	Negative	0.03	mg/cm ²
427	RP 4456	1	8	EAST	WALL	CONCRETE	GREEN, LIGHT	INTACT	Negative	0	mg/cm ²
428	RP 4456	1	8	EAST	COLUMN	CONCRETE	GREEN, LIGHT	INTACT	Negative	0.01	mg/cm ²
429	RP 4456	1	9	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
430	RP 4456	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
431	RP 4456	1	9	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
432	RP 4456	1	9	SOUTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0.01	mg/cm ²
433	RP 4456	1	9	NORTH	DOOR FRAME	METAL	WHITE	INTACT	Positive	1.5	mg/cm ²
434	RP 4456	1	9	NORTH	DOOR	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
435	RP 4456	1	10	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
436	RP 4456	1	STAIRWELL W	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
437	RP 4456	1	STAIRWELL W	NORTH	BASEBOARD	CERAMIC	BLACK	INTACT	Negative	0.04	mg/cm ²
438	RP 4456	1	STAIRWELL W	WEST	HAND RAIL	METAL	BLACK	DETERIORATED	Negative	0	mg/cm ²
439	RP 4456	1	STAIRWELL W		STAIRS	CONCRETE	YELLOW	INTACT	Positive	6.7	mg/cm ²
440	RP 4456	1	STAIRWELL W		STAIRS	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²

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**FORA
RP4456
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
441	RP 4456	1	STAIRWELL W		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
442	RP 4456	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
443	RP 4456	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
444	RP 4456	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1	mg/cm ²
445	RP 4456	2	1	SOUTH	DOOR	VINYL	BROWN	INTACT	Negative	0.07	mg/cm ²
446	RP 4456	2	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
447	RP 4456	2	1	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
448	RP 4456	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
449	RP 4456	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
450	RP 4456	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
451	RP 4456	2	1	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
452	RP 4456	2	2	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
453	RP 4456	2	2	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
455	RP 4456	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
456	RP 4456	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
457	RP 4456	2	3	NORTH	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
458	RP 4456	2	4	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
459	RP 4456	2	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
460	RP 4456	2	5	NORTH	SHELF	WOOD	WHITE	INTACT	Negative	0.02	mg/cm ²
461	RP 4456	2	5		FLOOR	CONCRETE	YELLOW	INTACT	Negative	0.5	mg/cm ²
462	RP 4456	2	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
463	RP 4456	2	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
464	RP 4456	2	8	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
465	RP 4456	2	9	NORTH	DOOR FRAME	METAL	YELLOW	DETERIORATED	Negative	0.03	mg/cm ²
466	RP 4456	3	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4456
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
467	RP 4456	3	1	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
468	RP 4456	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
469	RP 4456	3	STAIRWELL E	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
470	RP 4456	3	STAIRWELL E	EAST	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
471	RP 4456	3	STAIRWELL E	WEST	LADDER	METAL	BROWN, DARK	INTACT	Negative	0.02	mg/cm ²
472	RP 4456	ROOF	OUTSIDE		PIPE	METAL	GRAY	INTACT	Positive	80.3	mg/cm ²
496					CALIBRATE				Positive	1	mg/cm ²
497					CALIBRATE				Positive	1	mg/cm ²
498					CALIBRATE				Positive	1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

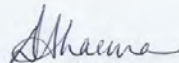
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71415-1
Client Project/Site: FORA RP4556

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/12/2016 3:36:25 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15



Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Job ID: 720-71415-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71415-1

Comments

No additional comments.

Receipt

The sample was received on 4/8/2016 2:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.4° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (LCS 720-200289/2-A), (LCSD 720-200289/3-A) and (MB 720-200289/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: RP4556-PCBB01 (720-71415-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: RP4556-PCBB01 (720-71415-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Client Sample ID: RP4556-PCBB01

Lab Sample ID: 720-71415-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	190000000		36000000		ug/Kg	100000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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- 2
- 3
- 4
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- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Client Sample ID: RP4556-PCBB01

Lab Sample ID: 720-71415-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:18	100000
PCB-1221	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:18	100000
PCB-1232	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:18	100000
PCB-1242	190000000		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:18	100000
PCB-1248	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:18	100000
PCB-1254	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:18	100000
PCB-1260	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:18	100000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/11/16 21:51	04/12/16 12:18	100000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/11/16 21:51	04/12/16 12:18	100000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71415-1	RP4556-PCBB01	0 X D	0 X D
LCS 720-200289/2-A	Lab Control Sample	58	84
LCSD 720-200289/3-A	Lab Control Sample Dup	65	85
MB 720-200289/1-A	Method Blank	55	83

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200289/1-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1221	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1232	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1242	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1248	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1254	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1260	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		32 - 112	04/11/16 14:42	04/12/16 00:57	1
DCB Decachlorobiphenyl	83		2 - 122	04/11/16 14:42	04/12/16 00:57	1

Lab Sample ID: LCS 720-200289/2-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	101		ug/Kg		75	55 - 112
PCB-1260	133	110		ug/Kg		82	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	58		32 - 112
DCB Decachlorobiphenyl	84		2 - 122

Lab Sample ID: LCSD 720-200289/3-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	133	105		ug/Kg		79	55 - 112	5	20
PCB-1260	133	113		ug/Kg		85	65 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	65		32 - 112
DCB Decachlorobiphenyl	85		2 - 122

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

GC Semi VOA

Analysis Batch: 200260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	8082	200289
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	200289
MB 720-200289/1-A	Method Blank	Total/NA	Solid	8082	200289

Prep Batch: 200289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71415-1	RP4556-PCBB01	Total/NA	Solid	3550B	
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 720-200289/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71415-1	RP4556-PCBB01	Total/NA	Solid	8082	200289

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Client Sample ID: RP4556-PCBB01

Lab Sample ID: 720-71415-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200289	04/11/16 21:51	JEP	TAL PLS
Total/NA	Analysis	8082		100000	200345	04/12/16 12:18	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 5
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- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4556

TestAmerica Job ID: 720-71415-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71415-1	RP4556-PCBB01	Solid	04/08/16 11:00	04/08/16 14:30

1

2

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TestAmerica Pleasanton
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

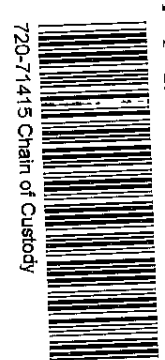
Regulatory Program: DW NPDES RCRA Other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc. *167818*

Chain of Custody Record

720-71415

Client Contact		Project Manager: Chris Burns		Site Contact:		Date:		Carrier:		COC No: _____ of _____ COCs	
Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577 510-348-8860 888-296-0271 FAX FORA RP4556 161091001		Tel/Fax:		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Lab Contact:		Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:		Sample Specific Notes:	
Sample Identification		Sample Date	Sample Time	Type (G=Comp, G=env)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)			
RP4556 -PCBB01		4/8/2016	1100 G		Solid	1	X	8082 (3660 B or C)			
<p>Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other <u>1</u></p> <p>Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p> <p><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown</p> <p>Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & mollie@vista-env.com</p> <p><input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months</p>											
Custody Seal(s) intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Therm ID No.:					
Relinquished by: <i>[Signature]</i>		Vista		Received by: _____		Company: _____		Date/Time: _____			
Relinquished by: <i>[Signature]</i>		Company: Vista		Received by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>4/8/16 1300</i>			
Relinquished by: <i>[Signature]</i>		Company: Vista		Received in Laboratory by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>4/8/16 1400</i>			



Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71415-1

Login Number: 71415

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
		Zn	40	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: 161091001 Date: 4/12/16
Contact: Chris Burns		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day
Phone #: (510) 346-8860		Due Date: _____ Due Time: _____
Fax #: (888) 296-0271		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000
Site: FORA		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac
Job: RP		<input type="checkbox"/> Special Project:
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com		<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>

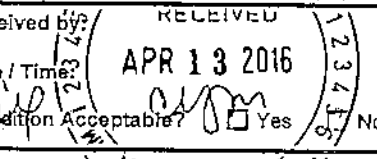
Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: 	Relinquished by:	Relinquished by:
Date / Time: <u>4/12/16 1430</u>	Date / Time:	Date / Time:

Received by: 	Received by:	Received by:
Date / Time: <u>APR 13 2016</u>	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING RP4457



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4457

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, J, T, U)	Vinyl Floor Tile/Mastic	9" Gray, Black, Green, Brown and Tan /Black	Throughout Except Basement Mechanical Room, Restrooms, Stairwell, Laundry Rooms, Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	34,250 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
DD	Glazing	White, Windows on Doors, Exterior	Exterior Doors with Windows	Class II	Category I - Non-Friable	126 SF (6 Doors)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II-Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II-Non-Friable	50 LF
II	Insulation	White, Tank	Basement Mechanical Room	Class I	Friable (RACM when Removed)	300 SF
KK	Jacketing	White, Valves	Basement Mechanical Room	Class I	Friable (RACM when Removed)	10 SF (10 Each)
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF

BUILDING RP4457

HAZARDOUS MATERIALS SUMMARY

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
477	1	Outside	South	Stairs	Concrete	Yellow	Deteriorated	9	mg/cm ²
486	1	Outside	North	Pipe	Metal	Beige	Deteriorated	7.3	mg/cm ²
79	1	Stairwell W		Stairs	Concrete	Yellow	Intact	2	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

BUILDING RP4457

HAZARDOUS MATERIALS SUMMARY

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	233

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4457-PCBB01	Ballast Capacitor Oil	PCB-1242	150,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4457 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	9" Black/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Fiberglass	1
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/White, Large Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	1
J	Vinyl Floor Tile/Mastic	9" Green/Black	1
K	Acoustic Ceiling Panel	2'x4' White, Textured Pinhole	1
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Not Used	Not Used	Not Used
Q	Basecove/Mastic	4" Beige/Brown	1
R	Not Used	Not Used	Not Used
S	Not Used	Not Used	Not Used
T	Vinyl Floor Tile/Mastic	9" Brown/Black	1
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

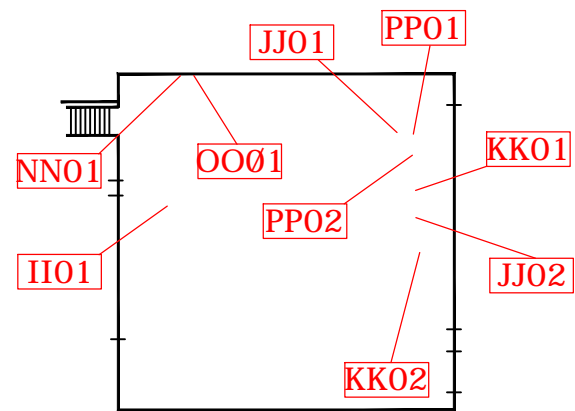
BUILDING RP4457

ASBESTOS SAMPLING INVENTORY




HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	1
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	White, Windows on Doors	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Insulation	White, Tank	1
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

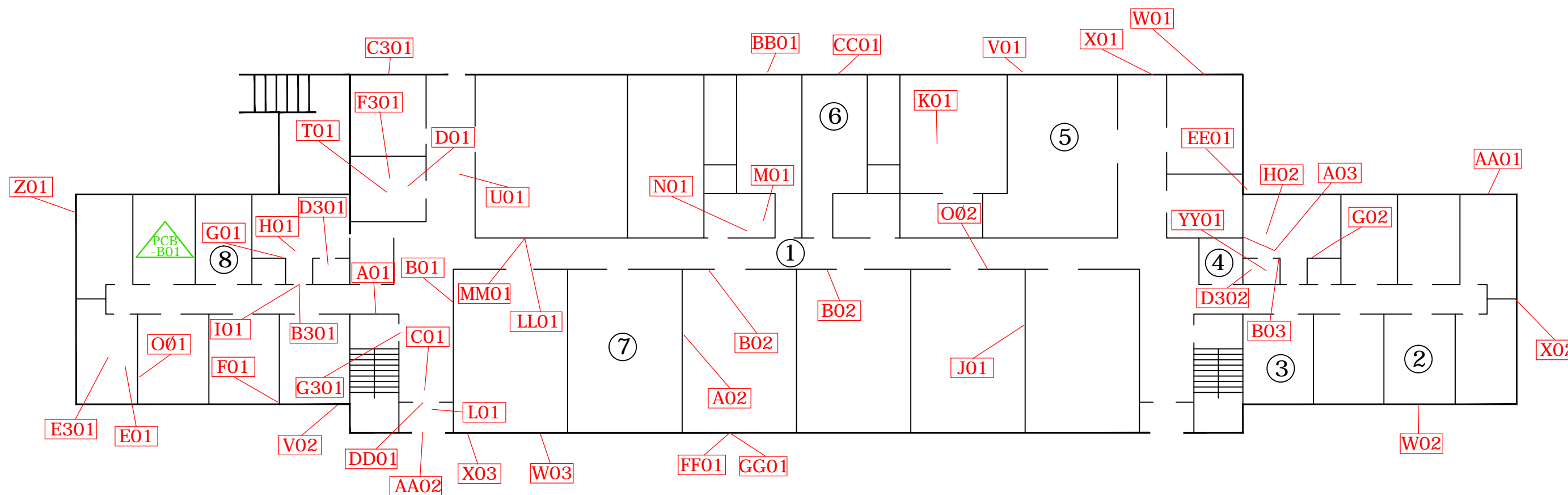
**BUILDING RP4457
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Sealant	Black, Expansion Joint	1
VV	Sealant	White, Cement Exhaust	1
WW	Not Used	Not Used	Not Used
XX	Not Used	Not Used	Not Used
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Wallboard/Joint Compound	Gray/White	2
E3	Heat Shield/Mastic	Silver/Brown	1
F3	Acoustic Ceiling Tile/Mastic	12" Non-Uniform Hole/Brown	1
G3	Glazing	White, Windows on Doors, Interior	1



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






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 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

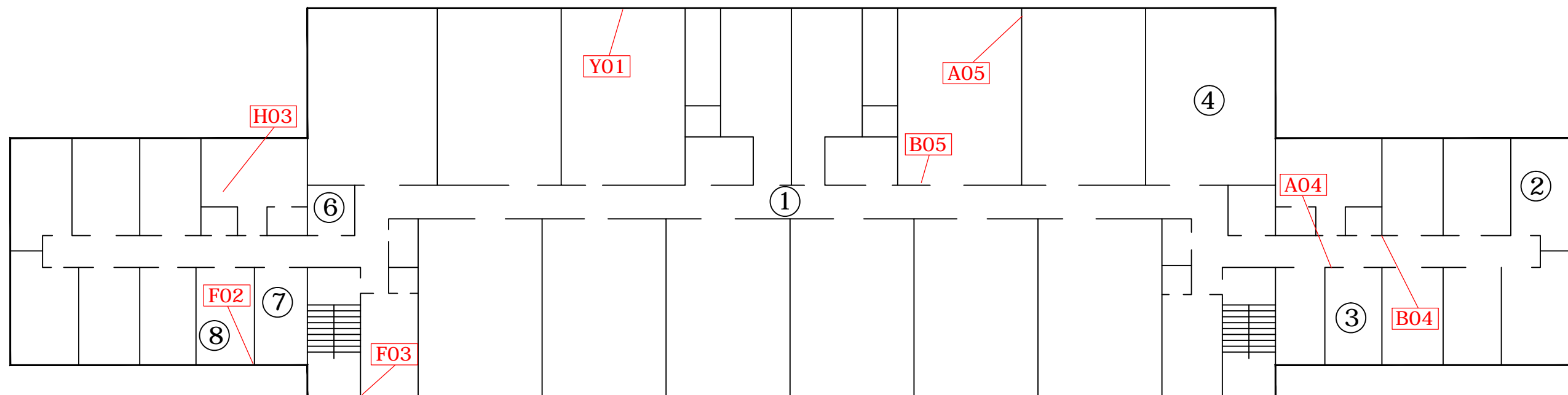
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4457
 SAMPLE LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4457

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA




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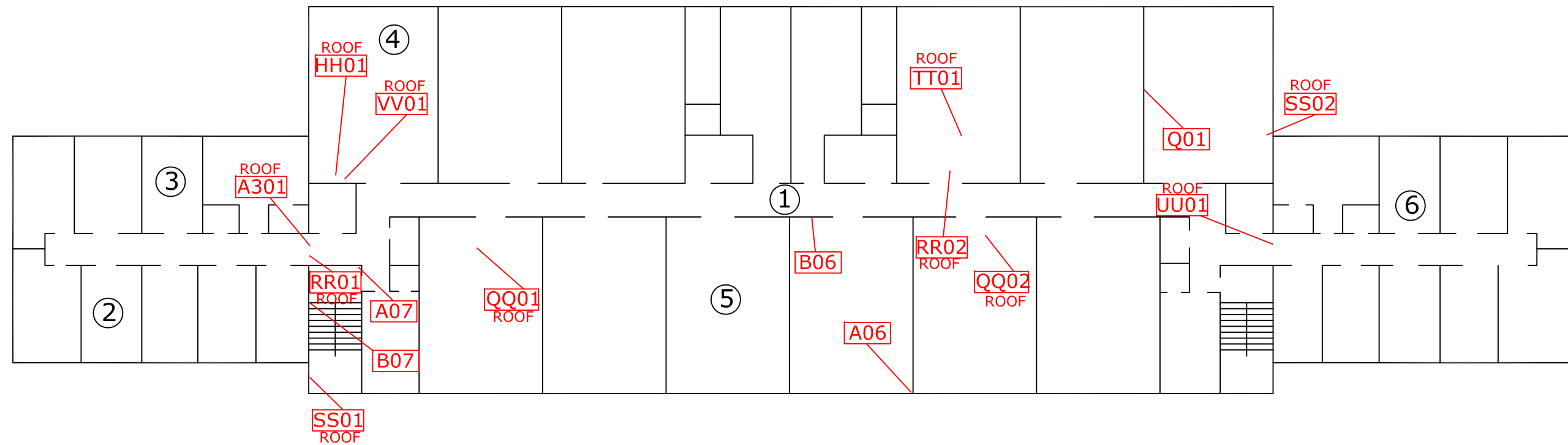
BUILDING RP4457
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4457

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



SHEET TITLE

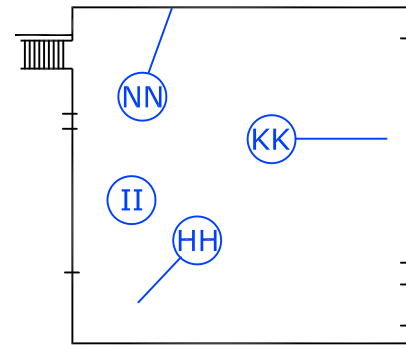
BUILDING RP4457
 SAMPLE LOCATIONS
 THIRD FLOOR

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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

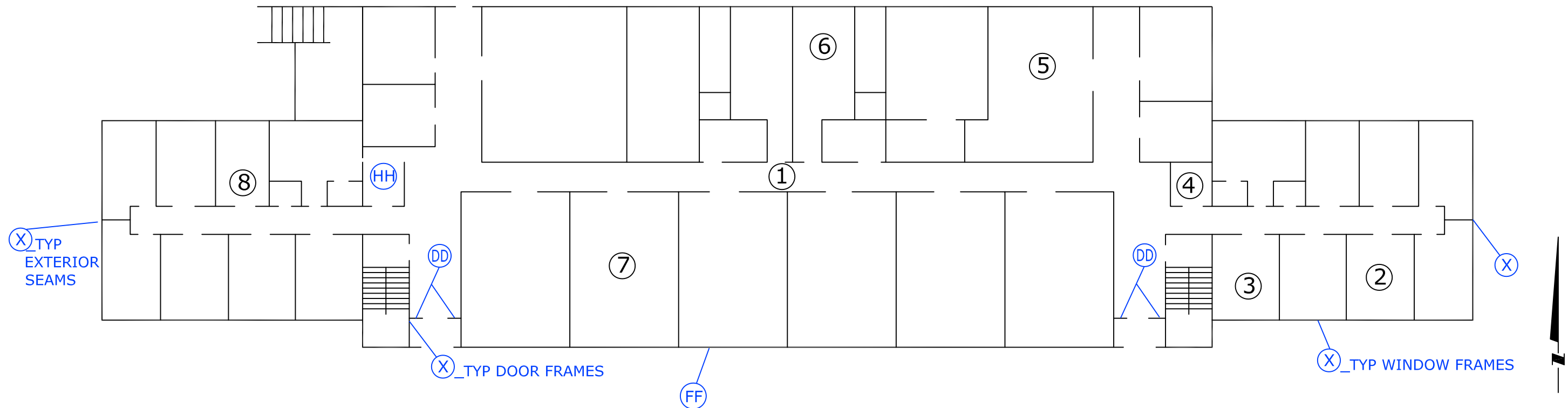
RP4457

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, STAIRWELLS, LAUNDRY ROOMS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



SHEET TITLE

BUILDING RP4457
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

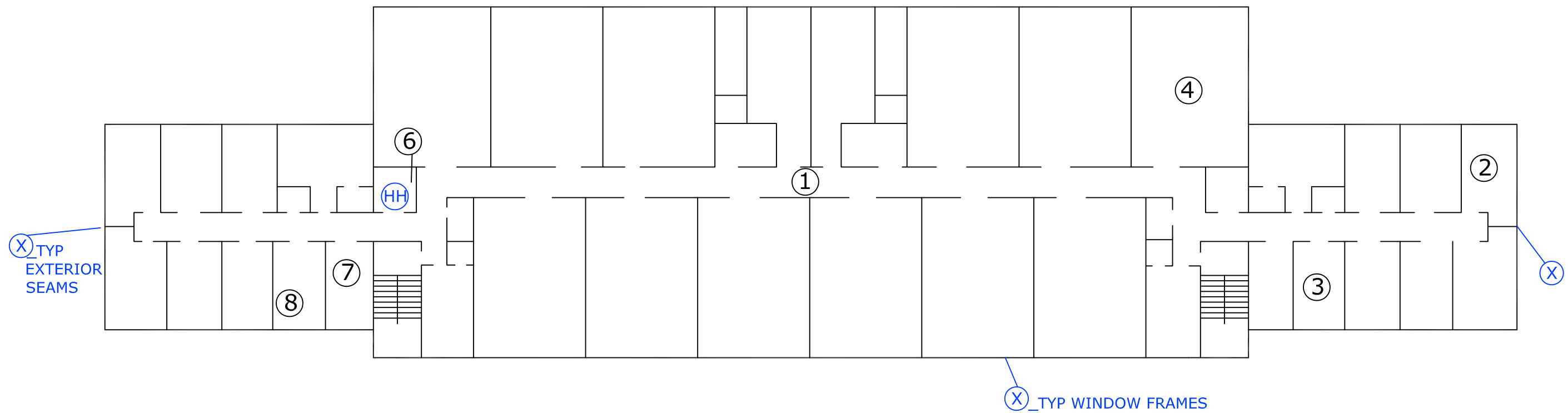
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 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4457

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS,
STAIRWELL, STORAGE ROOMS AND
JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
SURPLUS II SITE
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SHEET TITLE

BUILDING RP4457
MATERIAL LOCATIONS
SECOND FLOOR

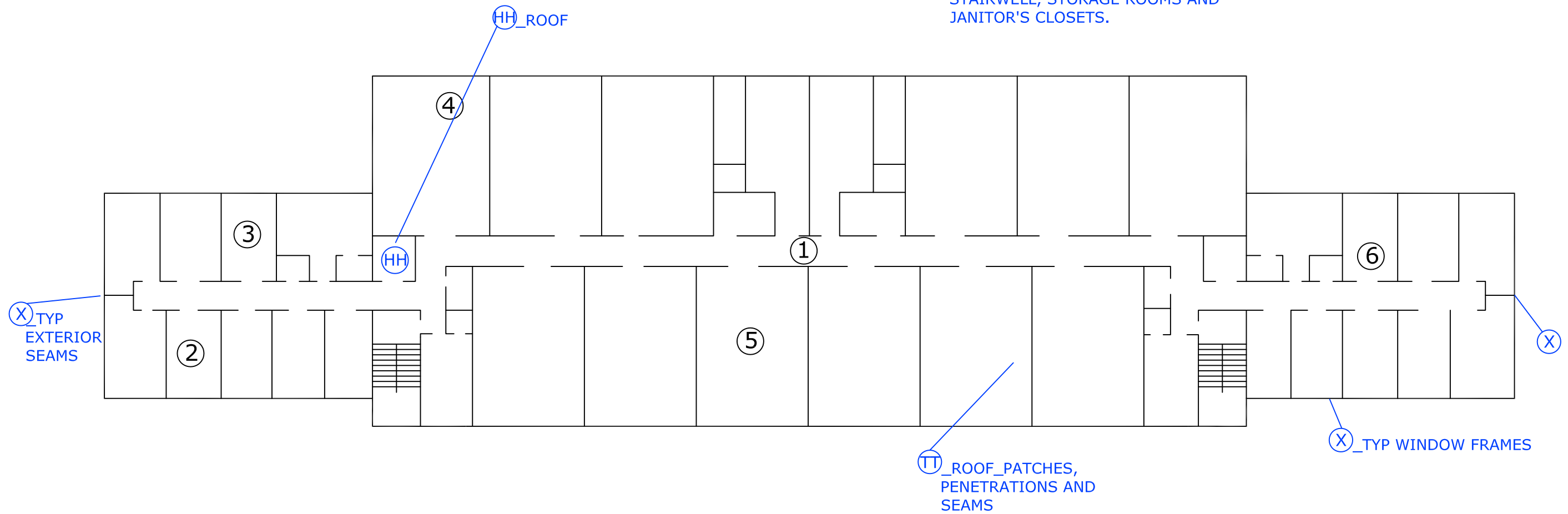
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CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4457

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS,
STAIRWELL, STORAGE ROOMS AND
JANITOR'S CLOSETS.




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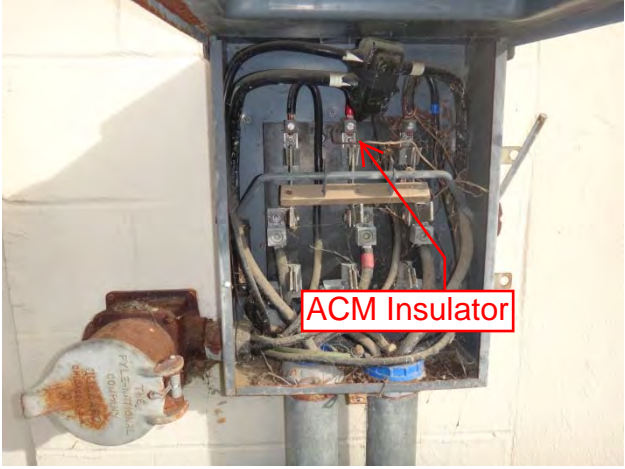
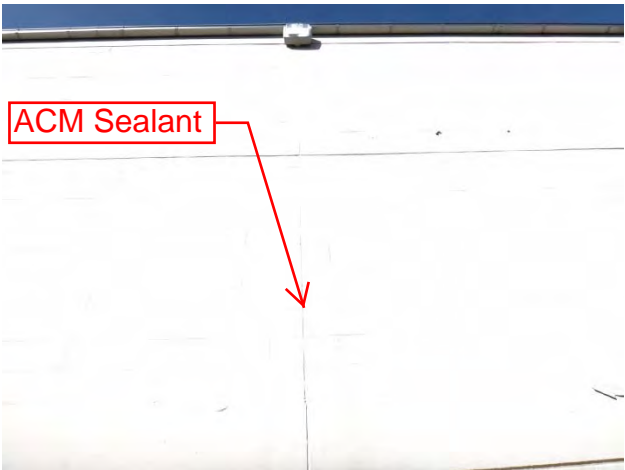
PROJECT TITLE
FORA
SURPLUS II SITE
SEASIDE, CALIFORNIA

SHEET TITLE
BUILDING RP4457
MATERIAL LOCATIONS
THIRD FLOOR

SCALE: 1" = 20'
DRAWN BY: ADF
CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE
RP4457

BUILDING RP4457
PHOTO DOCUMENTATION



BUILDING RP4457 PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.
San Leandro, CA 94577

Client ID: L1161
Report Number: B218242
Date Received: 03/16/16
Date Analyzed: 03/21/16
Date Printed: 03/21/16
First Reported: 03/21/16

Job ID/Site: 161091001 - RP4457

FALI Job ID: L1161
Total Samples Submitted: 82
Total Samples Analyzed: 82

Date(s) Collected: 03/09/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
A01	11742861						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A02	11742862						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A03	11742863						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A04	11742864						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A05	11742865						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A06	11742866						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
A07	11742867						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
B01	11742868						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218242

Date Printed: 03/21/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
B02	11742869						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
B03	11742870						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
B04	11742871						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
B05	11742872						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
B06	11742873						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
B07	11742874						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
C01	11742875						
Layer: Grey Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (5%)					
D01	11742876						
Layer: Black Tile		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (5%)					
E01	11742877						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (99 %)		Asbestos (ND)					
F01	11742878						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218242

Date Printed: 03/21/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
F02	11742879						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
F03	11742880						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
G01	11742881						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
G02	11742882						
Layer: White Mortar			ND				
Layer: White Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
H01	11742883						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
H02	11742884						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
H03	11742885						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
I01	11742886						
Layer: Dark Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218242

Date Printed: 03/21/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
J01	11742887						
Layer: Green Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
K01	11742888						
Layer: Tan Fibrous Material			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
L01	11742889						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
M01	11742890						
Layer: Black Semi-Fibrous Material			ND				
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (40 %)	Synthetic (15 %)					
N01	11742891						
Layer: White Tape			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
O01	11742892						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
O02	11742893						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
Q01	11742894						
Layer: Beige Non-Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
T01	11742895						
Layer: Brown Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218242

Date Printed: 03/21/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
U01	11742896						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
V01	11742897						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
V02	11742898						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
W01	11742899						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
W02	11742900						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
W03	11742901						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
X01	11742902						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
X02	11742903						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Report Number: B218242

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
X03	11742904						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
Y01	11742905						
Layer: Tan Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
Z01	11742906						
Layer: Red Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AA01	11742907						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
AA02	11742908						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
BB01	11742909						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
CC01	11742910						
Layer: Black Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
DD01	11742911						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EE01	11742912						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
FF01	11742913						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
GG01	11742914						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Synthetic (85 %)							
HH01	11742915						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
II01	11742916						
Layer: Grey Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (60 %)							
JJ01	11742917						
Layer: Orange Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (80 %)							
JJ02	11742918						
Layer: Orange Fibrous Material			ND				
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (80 %)							
KK01	11742919						
Layer: White Woven Material			ND				
Layer: Grey Semi-Fibrous Material			ND				
Layer: Orange Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (80 %)							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
KK02	11742920						
Layer: White Woven Material			ND				
Layer: Grey Semi-Fibrous Material		Chrysotile	2 %				
Layer: Orange Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (10 %)	Fibrous Glass (80 %)						
LL01	11742921						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
MM01	11742922						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
NN01	11742923						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
OO01	11742924						
Layer: Dark Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Synthetic (60 %)						
PP01	11742925						
Layer: Orange Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (90 %)						
PP02	11742926						
Layer: Orange Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)	Fibrous Glass (10 %)						
QQ01	11742927						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (45 %)						
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
QQ02	11742928						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
RR01	11742929						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RR02	11742930						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
SS01	11742931						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
SS02	11742932						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							
TT01	11742933						
Layer: Grey Mastic		Chrysotile	10 %				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
VV01	11742934						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
YY01	11742935						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (20 %)							
A301	11742936						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
B301	11742937						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Synthetic (10 %)							
C301	11742938						
Layer: Grey Cementitious Material			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
D301	11742939						
Layer: Off-White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
E301	11742940						
Layer: Orange Fibrous Material			ND				
Layer: Black Tar			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (90 %)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
F301	11742941						
Layer: Brown Mastic			ND				
Layer: Off-White Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (90 %)						
G301	11742942						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	A	01	PAINT / SKIMCOAT	WHITE / WHITE		
RP4457	A	02				
RP4457	A	03				
RP4457	A	04				
RP4457	A	05				
RP4457	A	06				
RP4457	A	07				
RP4457	B	01	PAINT / SKIMCOAT	WHITE / GRAY		
RP4457	B	02				
RP4457	B	03				

ANALYTICAL METHOD: PLM ~~400 P.C.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA
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03/09/16
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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
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CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	B	04				
RP4457	B	05				
RP4457	B	06				
RP4457	B	07				
RP4457	C	01	VFT/MAS	9" GRAY BLACK		
RP4457	D	01	VFT/MAS	9" BLACK BLACK		
RP4457	E	01	ACP	2'x4' WHITE, FIBERGLASS		
RP4457	F	01	PAINT PLASTER	WHITE GRAY		
RP4457	F	02				
RP4457	F	03				

ANALYTICAL METHOD: PLM ~~400.PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	G	01	MORTAR / GROUT	WHITE / WHITE		
RP4457	G	02	↓	↓		
RP4457	H	01	PAINT PLASTER	WHITE / GRAY		
RP4457	H	02	↓	↓		
RP4457	H	03	↓	↓		
RP4457	I	01	MORTAR / GROUT	GRAY & BLACK / GRAY 1" FLOOR		
RP4457	J	01	VFT/MAS	9" GREEN / BLACK		
RP4457	K	01	ACP	2'x4' WHITE TEXTURE PINHOLE		
RP4457	L	01	MORTAR / GROUT	GRAY / GRAY 4" GUMBY FLOOR		
RP4457	M	01	FLEX JOINT	WHITE ROUND PUCT		

ANALYTICAL METHOD: PLM ~~400.PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	N	01	TAPE	WHITE, DUCT		
RP4457	O	01	JOINT COMPOUND	CONCRETE MASONRY UNIT PATCHING		
RP4457	O	02	↓	↓		
RP4457	Q	01	BC/MAS	1" BEIGE BROWN		
RP4457	T	01	VFT/MAS	1" BROWN BLACK		
RP4457	U	01	VFT/MAS	1" TAN BLACK		
RP4457	V	01	PAINT/CMU/MORTAR	WHITE/GRAY GRAY		
RP4457	V	02	↓	↓		
RP4457	WE	01	PAINT STUCCO	WHITE GRAY		
RP4457	W	02	↓	↓		

ANALYTICAL METHOD: PLM 400 PT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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PAGE 4 OF 9





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ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	W	03	↓	↓		
RP4457	X	01	SEALANT	GRAY, EXT		
RP4457	X	02	↓	↓		
RP4457	X	03	↓	↓		
RP4457	Y	01	GLAZING	TAN, WINDOW		
RP4457	Z	01	GASKET	RED, EXT		
RP4457	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4457	AA	02	↓	↓		
RP4457	BB	01	SEALANT	GRAY, LOUVER		
RP4457	CC	01	SEALANT	CLEAR GRAY		

ANALYTICAL METHOD: PLM ~~400 P.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	DD	01	GLAZING	WHITE, DOORS		
RP4457	EE	01	SEALANT	GRAY, EXPANSION JOINT		
RP4457	FF	01	INSULATOR	BLACK, ELECTRICAL BOX		
RP4457	GG	01	INSULATOR	BROWN, ELECTRICAL BOX		
RP4457	HH	01	CEMENT PIPE	GRAY, 36" OD		
RP4457	II	01	INSULATION	WHITE, TANK		
RP4457	JJ	01	JACKETING/MASTIC	WHITE/BLACK, PIPE		
RP4457	JJ	02	↓	↓		
RP4457	KK	01	JACKETING	WHITE, VALVES		
RP4457	KK	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400 P.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	LL	01	INSULATOR	GRAY, ELECTRICAL BOX		
RP4457	MM	01	INSULATOR PAPER	BROWN, ELECTRICAL BOX		
RP4457	NN	01	INSULATOR	BLACK, ELECTRICAL BOX		
RP4457	OO	01	INSULATOR PAPER	GRAY, ELECTRICAL BOX		
RP4457	PP	01	JACKBOARDS	WHITE, PCBOW		
RP4457	PP	02	↓	↓		
RP4457	QQ	01	ROOF FIELD	BLACK, T&G		
RP4457	QQ	02	↓	↓		
RP4457	RR	01	PARAPET BASE	GRAY/BLACK BUILTUP		
RP4457	RR	02	↓	↓		

ANALYTICAL METHOD: PLM 400 P.T. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- [Signature] LUIS JAVIER ROCHA 03/09/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
- _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
- _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME





ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244


BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	SS	01	FLASHING	BLACK, T99		
RP4457	SS	02	↓	↓		
RP4457	TT	01	MASTIC	GRAY & BLACK PENETRATION		
RP4457	VV	01	SEALANT	WHITE, CEMENT EXHAUST		
RP4457	YY	01	CASKET	BLACK, SHOWER LIGHT		
RP4457	A3	01	SEALANT	GRAY, ROOF FLASHING		
RP4457	B3	01	VAPOR BARRIER	BLACK, CERAMIC FLOOR		
RP4457	C3	01	VAPOR BARRIER	BLACK, FOUNDATION		
RP4457	D3	01	WB/JC	GRAY/WHITE		
RP4457	F3	01	HEATSHIELD MASTIC	SILVER BROWN		

ANALYTICAL METHOD: PLM ~~400.PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- 

TRANSFER SIGNATURE

LUIS JAVIER ROCHA
PRINTED NAME
- TRANSFER SIGNATURE

PRINTED NAME
- TRANSFER SIGNATURE

PRINTED NAME

03/09/16
DATE/TIME





2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/09/16

LOCATION: RP4457

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4457	F3	01	ACT/MAS	12" NON UNIFORM HOLE / BROWN		
RP4457	G3	01	GLAZING	WHITE, WINDOW ON DOORS, INT		
82 SAMPLES						

ANALYTICAL METHOD: PLM ~~400 P.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] LUIS JAVIER ROCHA 03/09/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
2. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME
3. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME



**FORA
RP4457
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
342					CALIBRATE				Positive	1	mg/cm ²
343					CALIBRATE				Positive	1.2	mg/cm ²
344					CALIBRATE				Positive	1	mg/cm ²
473	RP 4457	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
474	RP 4457	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
475	RP 4457	1	OUTSIDE	SOUTH	WALL PANEL	CONCRETE	BEIGE	INTACT	Negative	0.03	mg/cm ²
476	RP 4457	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
477	RP 4457	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	YELLOW	DETERIORATED	Positive	9	mg/cm ²
478	RP 4457	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.5	mg/cm ²
479	RP 4457	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Negative	-0.23	mg/cm ²
480	RP 4457	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.11	mg/cm ²
481	RP 4457	1	OUTSIDE	SOUTH	CEILING	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
482	RP 4457	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
483	RP 4457	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
484	RP 4457	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BEIGE	INTACT	Negative	0.23	mg/cm ²
485	RP 4457	1	OUTSIDE	NORTH	DOOR	METAL	BEIGE	INTACT	Negative	0.03	mg/cm ²
486	RP 4457	1	OUTSIDE	NORTH	PIPE	METAL	BEIGE	DETERIORATED	Positive	7.3	mg/cm ²
487	RP 4457	1	OUTSIDE	NORTH	HAND RAIL	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.6	mg/cm ²
488	RP 4457	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
489	RP 4457	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	WHITE	INTACT	Negative	0.02	mg/cm ²
490	RP 4457	1	OUTSIDE	NORTH	VENT	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
491	RP 4457	1	OUTSIDE	NORTH	LOUVER	METAL	GRAY	DETERIORATED	Negative	0.02	mg/cm ²
492	RP 4457	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
493	RP 4457	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
494	RP 4457	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²

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**FORA
RP4457
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
495	RP 4457	1	OUTSIDE	EAST	CURB	CONCRETE	GRAY	DETERIORATED	Negative	0.4	mg/cm ²
496					CALIBRATE				Positive	1	mg/cm ²
497					CALIBRATE				Positive	1	mg/cm ²
498					CALIBRATE				Positive	1	mg/cm ²
1					SHUTTER_CAL					3.28	cps
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1	mg/cm ²
5	RP4457	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
6	RP4457	1	1	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0.03	mg/cm ²
7	RP4457	1	1	EAST	RADIATOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
8	RP4457	1	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.08	mg/cm ²
9	RP4457	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
10	RP4457	1	1	WEST	COLUMN	PLASTER	RED	DETERIORATED	Negative	0.02	mg/cm ²
11	RP4457	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
12	RP4457	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
13	RP4457	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
14	RP4457	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
15	RP4457	1	1	WEST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.17	mg/cm ²
16	RP4457	1	1	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.08	mg/cm ²
17	RP4457	1	1	WEST	DOOR	METAL	BROWN	DETERIORATED	Negative	0.08	mg/cm ²
18	RP4457	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.24	mg/cm ²
19	RP4457	1	1	SOUTH	EXPANSIN JOINT	CONCRETE	WHITE	INTACT	Negative	0.18	mg/cm ²
20	RP4457	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
21	RP4457	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²

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**FORA
RP4457
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
22	RP4457	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.08	mg/cm ²
23	RP4457	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
24	RP4457	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
25	RP4457	1	1	NORTH	WALL PANEL	METAL	BLACK	INTACT	Negative	0.05	mg/cm ²
26	RP4457	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
27	RP4457	1	1	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0.24	mg/cm ²
28	RP4457	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.19	mg/cm ²
29	RP4457	1	1	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.28	mg/cm ²
30	RP4457	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.14	mg/cm ²
31	RP4457	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.18	mg/cm ²
32	RP4457	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.19	mg/cm ²
33	RP4457	1	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
34	RP4457	1	2	SOUTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
35	RP4457	1	2	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
36	RP4457	1	2	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
37	RP4457	1	2	SOUTH	TRIM	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
38	RP4457	1	2	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.09	mg/cm ²
39	RP4457	1	2	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
40	RP4457	1	2	SOUTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0.06	mg/cm ²
41	RP4457	1	2	EAST	CABINET	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
42	RP4457	1	3	EAST	WALL	CONCRETE	YELLOW	INTACT	Negative	0.05	mg/cm ²
43	RP4457	1	3	SOUTH	COLUMN	CONCRETE	BLACK	INTACT	Negative	0.04	mg/cm ²
44	RP4457	1	3	SOUTH	RADIATOR	METAL	BLACK	INTACT	Negative	0.02	mg/cm ²
45	RP4457	1	3	EAST	BASEBOARD	CERAMIC	BLACK	INTACT	Negative	0.01	mg/cm ²
46	RP4457	1	3	NORTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.05	mg/cm ²

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**FORA
RP4457
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
47	RP4457	1	3	WEST	CABINET	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
49	RP4457	1	4	EAST	CABINET	WOOD	WHITE	INTACT	Negative	0.06	mg/cm ²
50	RP4457	1	4		FLOOR	CONCRETE	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
51	RP4457	1	5	EAST	WALL	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
52	RP4457	1	5	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
53	RP4457	1	5	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.19	mg/cm ²
54	RP4457	1	5	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
55	RP4457	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
56	RP4457	1	5	NORTH	HVAC	METAL	WHITE	INTACT	Negative	0.06	mg/cm ²
57	RP4457	1	6	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.14	mg/cm ²
58	RP4457	1	6	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.22	mg/cm ²
59	RP4457	1	6	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
60	RP4457	1	6	WEST	WALL	CERAMIC	GRAY	INTACT	Negative	0.01	mg/cm ²
61	RP4457	1	6		CEILING	CONCRETE	WHITE	INTACT	Negative	0.1	mg/cm ²
62	RP4457	1	6		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
63	RP4457	1	6		CEILING	DRYWALL	WHITE	INTACT	Negative	0.01	mg/cm ²
64	RP4457	1	6	NORTH	STALL	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
65	RP4457	1	6		DUCT	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
66	RP4457	1	7	EAST	WALL	CONCRETE	ORANGE	INTACT	Negative	0.03	mg/cm ²
67	RP4457	1	7	SOUTH	RADIATOR	METAL	ORANGE	INTACT	Negative	0.23	mg/cm ²
68	RP4457	1	7	NORTH	DOOR FRAME	METAL	ORANGE	INTACT	Negative	0.05	mg/cm ²
69	RP4457	1	8	SOUTH	DOOR FRAME	METAL	GRAY	INTACT	Negative	0.07	mg/cm ²
70	RP4457	1	8	WEST	BASEBOARD	CERAMIC	GRAY	INTACT	Negative	0.03	mg/cm ²
71	RP4457	1	8	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
72	RP4457	1	8	NORTH	COLUMN	PLASTER	GRAY	INTACT	Negative	0	mg/cm ²

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**FORA
RP4457
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
73	RP4457	1	8	EAST	CABINET	METAL	WHITE	INTACT	Negative	0.05	mg/cm ²
74	RP4457	1	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
75	RP4457	1	STAIRWELL W	EAST	WALL	CONCRETE	BROWN	INTACT	Negative	0.05	mg/cm ²
76	RP4457	1	STAIRWELL W	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
77	RP4457	1	STAIRWELL W	EAST	DOOR	METAL	BROWN	INTACT	Negative	0.3	mg/cm ²
78	RP4457	1	STAIRWELL W	EAST	HAND RAIL	METAL	BROWN	INTACT	Negative	0.21	mg/cm ²
79	RP4457	1	STAIRWELL W		STAIRS	CONCRETE	YELLOW	INTACT	Positive	2	mg/cm ²
80	RP4457	1	STAIRWELL W		STAIRS	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
81	RP4457	1	STAIRWELL W		CEILING	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
82	RP4457	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.14	mg/cm ²
83	RP4457	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
84	RP4457	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
85	RP4457	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.1	mg/cm ²
86	RP4457	2	1	NORTH	WALL PANEL	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
87	RP4457	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
88	RP4457	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
89	RP4457	2	1	SOUTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.17	mg/cm ²
90	RP4457	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
91	RP4457	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.4	mg/cm ²
92	RP4457	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
93	RP4457	2	2	SOUTH	WALL	CONCRETE	BLUE, LIGHT	INTACT	Negative	0.01	mg/cm ²
94	RP4457	2	2	NORTH	COLUMN	CONCRETE	BLUE, LIGHT	INTACT	Negative	0.01	mg/cm ²
95	RP4457	2	2	WEST	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
96	RP4457	2	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
97	RP4457	2	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²

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**FORA
RP4457
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
98	RP4457	2	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
99	RP4457	2	5	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
100	RP4457	2	6	SOUTH	DOOR	METAL	YELLOW	INTACT	Negative	0.07	mg/cm ²
101	RP4457	2	6	SOUTH	DOOR FRAME	METAL	YELLOW	INTACT	Negative	0.1	mg/cm ²
102	RP4457	2	6		FLOOR	CONCRETE	BLACK	INTACT	Negative	0.01	mg/cm ²
103	RP4457	2	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
104	RP4457	2	8	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
105	RP4457	2	8		CEILING	CONCRETE	BLUE, LIGHT	INTACT	Negative	0	mg/cm ²
106	RP4457	2	8		WINDOW SILL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
107	RP4457	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
108	RP4457	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
109	RP4457	3	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
110	RP4457	3	2	EAST	WALL	CONCRETE	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
111	RP4457	3	3	SOUTH	WALL	CONCRETE	GREEN, LIGHT	INTACT	Negative	0.01	mg/cm ²
112	RP4457	3	4	SOUTH	WALL	CONCRETE	PEACH	INTACT	Negative	0	mg/cm ²
113	RP4457	3	4	SOUTH	WALL	WOOD	PEACH	INTACT	Negative	0.04	mg/cm ²
114	RP4457	3	4	SOUTH	TRIM	WOOD	VARNISH	INTACT	Negative	0.01	mg/cm ²
115	RP4457	3	5	NORTH	WALL	CONCRETE	BLUE, DARK	INTACT	Negative	0	mg/cm ²
116	RP4457	3	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
249					SHUTTER_CAL					3.17	cps
250					CALIBRATE				Positive	1	mg/cm ²
251					CALIBRATE				Positive	1	mg/cm ²
252					CALIBRATE				Positive	1	mg/cm ²

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

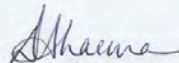
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71419-1
Client Project/Site: FORA RP4457

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



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Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Job ID: 720-71419-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71419-1

Comments

No additional comments.

Receipt

The sample was received on 4/8/2016 2:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.4° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (LCS 720-200289/2-A), (LCSD 720-200289/3-A) and (MB 720-200289/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: RP4457-PCBB01 (720-71419-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: RP4457-PCBB01 (720-71419-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Client Sample ID: RP4457-PCBB01

Lab Sample ID: 720-71419-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	150000000		36000000		ug/Kg	100000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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- 2
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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Client Sample ID: RP4457-PCBB01

Lab Sample ID: 720-71419-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:51	100000
PCB-1221	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:51	100000
PCB-1232	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:51	100000
PCB-1242	150000000		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:51	100000
PCB-1248	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:51	100000
PCB-1254	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:51	100000
PCB-1260	ND		36000000		ug/Kg		04/11/16 21:51	04/12/16 12:51	100000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112	04/11/16 21:51	04/12/16 12:51	100000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122	04/11/16 21:51	04/12/16 12:51	100000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71419-1	RP4457-PCBB01	0 X D	0 X D
LCS 720-200289/2-A	Lab Control Sample	58	84
LCSD 720-200289/3-A	Lab Control Sample Dup	65	85
MB 720-200289/1-A	Method Blank	55	83

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200289/1-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1221	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1232	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1242	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1248	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1254	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1
PCB-1260	ND		50		ug/Kg		04/11/16 14:42	04/12/16 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		32 - 112	04/11/16 14:42	04/12/16 00:57	1
DCB Decachlorobiphenyl	83		2 - 122	04/11/16 14:42	04/12/16 00:57	1

Lab Sample ID: LCS 720-200289/2-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	101		ug/Kg		75	55 - 112
PCB-1260	133	110		ug/Kg		82	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	58		32 - 112
DCB Decachlorobiphenyl	84		2 - 122

Lab Sample ID: LCSD 720-200289/3-A

Matrix: Solid

Analysis Batch: 200260

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 200289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	133	105		ug/Kg		79	55 - 112	5	20
PCB-1260	133	113		ug/Kg		85	65 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	65		32 - 112
DCB Decachlorobiphenyl	85		2 - 122

TestAmerica Pleasanton

QC Association Summary

Client: Vista Environmental Consulting, Inc
 Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

GC Semi VOA

Analysis Batch: 200260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	8082	200289
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	200289
MB 720-200289/1-A	Method Blank	Total/NA	Solid	8082	200289

Prep Batch: 200289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71419-1	RP4457-PCBB01	Total/NA	Solid	3550B	
LCS 720-200289/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 720-200289/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 720-200289/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71419-1	RP4457-PCBB01	Total/NA	Solid	8082	200289



Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Client Sample ID: RP4457-PCBB01

Lab Sample ID: 720-71419-1

Date Collected: 04/08/16 11:00

Matrix: Solid

Date Received: 04/08/16 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200289	04/11/16 21:51	JEP	TAL PLS
Total/NA	Analysis	8082		100000	200345	04/12/16 12:51	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: FORA RP4457

TestAmerica Job ID: 720-71419-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71419-1	RP4457-PCBB01	Solid	04/08/16 11:00	04/08/16 14:30

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71419-1

Login Number: 71419

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
Zn	40	mg/kg	10	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address:		P.O. #: 161091001	Date: 4/12/16
Vista Environmental Consulting		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
2984 Teagarden Street		Due Date: _____ Due Time: _____	
San Leandro, CA 94577		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402		
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield		
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %		
Site: FORA	<input type="checkbox"/> TEM Microvac		
Job: RP	<input type="checkbox"/> Special Project:		
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com		<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>	

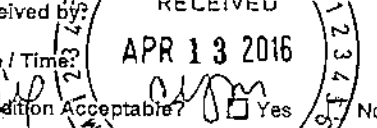
Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by: 	Relinquished by:	Relinquished by:
Date / Time: <u>4/12/16 1430</u>	Date / Time:	Date / Time:

Received by: 	Received by:	Received by:
Date / Time: <u>APR 13 2016</u>	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING RP4466



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4466

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, J, T, U)	Vinyl Floor Tile/Mastic	9" Gray, Black, Maroon, Tan and 12" White /Black	Throughout Except Basement Mechanical Room, Restrooms, Stairwell, Laundry Rooms except 1st Floor , Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	35,000 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
Y	Glazing	Tan, Window	Windows	Class II	Category I - Non-Friable	4,750 SF (118 Windows)
DD	Glazing	White, Windows on Doors, Exterior	Exterior Doors with Windows	Class II	Category I - Non-Friable	126 SF (6 Doors)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II- Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II- Non-Friable	50 LF
II	Insulation	White, Tank	Basement Mechanical Room	Class I	Friable (RACM when Removed)	300 SF

BUILDING RP4466 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
KK	Jacketing	White, Valves	Basement Mechanical Room	Class I	Friable (RACM when Removed)	10 SF (10 Each)
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF
E3	Sealant	Gray, Wood Panel	1st Floor North East - 2nd Bedroom	Class II	Category I - Non-Friable	120 SF

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
129	1	Outside	North	Pipe	Metal	Beige	Deteriorated	7.9	mg/cm ²
138	1	1	East	Wall	Concrete	White	Intact	1.4	mg/cm ²
142	1	1	West	Column	Plaster	White	Intact	1.3	mg/cm ²
145	1	1	East	Wall	Concrete	White	Intact	2	mg/cm ²
149	1	1	East	Column	Concrete	White	Deteriorated	1.5	mg/cm ²
159	1	1	East	Wall	Concrete	White	Deteriorated	1.5	mg/cm ²
161	1	1	South	Wall	Concrete	White	Deteriorated	1	mg/cm ²
162	1	1	North	Wall	Concrete	White	Deteriorated	2.6	mg/cm ²
163	1	1	West	Wall	Concrete	White	Deteriorated	3.5	mg/cm ²
164	1	1	South	Wall	Concrete	White	Intact	3.5	mg/cm ²
165	1	1	South	Column	Concrete	White	Intact	2.8	mg/cm ²
166	1	1	North	Wall	Concrete	White	Deteriorated	2.3	mg/cm ²
167	1	2	North	Wall	Concrete	White	Intact	2.2	mg/cm ²
170	1	2	South	Column	Concrete	White	Intact	1.9	mg/cm ²
171	1	2	South	Window Sill	Concrete	White	Intact	2.4	mg/cm ²
174	1	3	North	Column	Plaster	White	Intact	2.4	mg/cm ²

BUILDING RP4466 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
175	1	3	North	Wall	Concrete	White	Intact	2.9	mg/cm ²
197	1	8	South	Wall	Concrete	White	Intact	2.8	mg/cm ²
201	1	12	South	Wall	Concrete	White	Intact	3	mg/cm ²
202	1	13	East	Wall	Concrete	White	Intact	2	mg/cm ²
204	1	Stairwell W		Stairs	Concrete	Yellow	Intact	6	mg/cm ²
208	2	1	South	Wall	Concrete	White	Intact	2	mg/cm ²
209	2	1	South	Column	Concrete	White	Intact	1.8	mg/cm ²
210	2	1	North	Wall	Concrete	White	Intact	1.2	mg/cm ²
213	2	1	North	Wall	Concrete	White	Intact	3.4	mg/cm ²
214	2	1	South	Wall	Concrete	White	Intact	2.9	mg/cm ²
216	2	1	South	Wall	Concrete	White	Intact	1.2	mg/cm ²
217	2	1	South	Column	Concrete	White	Intact	2.7	mg/cm ²
234	3	1	North	Wall	Concrete	White	Deteriorated	1.4	mg/cm ²
235	3	1	South	Wall	Concrete	White	Deteriorated	2.9	mg/cm ²
236	3	1	North	Wall	Concrete	White	Deteriorated	4.7	mg/cm ²
241	3	4	West	Wall	Ceramic	White	Intact	7.2	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING RP4466

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	2

Note: Smoke damage was seen on the 3rd Floor and water damage was seen in the stairwells.

BUILDING RP4466 HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4466-PCBB01	Ballast Capacitor Oil	PCB-1242	460,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a “PCB Bulk Product Waste” according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

**BUILDING RP4466
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	9" Black/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Pinhole Gouge	1
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/White, Large Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	1
J	Vinyl Floor Tile/Mastic	12" White/Black	1
K	Acoustic Ceiling Panel	2'x4' White, Gouge Fiberglass	1
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Not Used	Not Used	Not Used
Q	Not Used	Not Used	Not Used
R	Acoustic Ceiling Panel	2'x4' White, Texture Pinhole	1
S	Acoustic Ceiling Panel	2'x4' White, Horizontal Fissure	1
T	Vinyl Floor Tile/Mastic	9" Maroon/Black	1
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

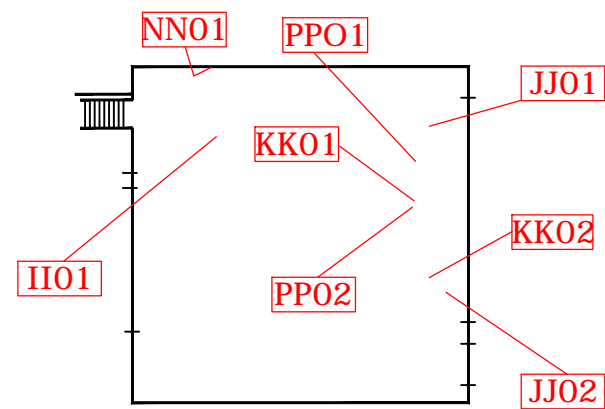
BUILDING RP4466

ASBESTOS SAMPLING INVENTORY



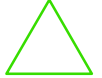
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	1
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	White, Windows on Doors, Exterior	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Insulation	White, Tank	1
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

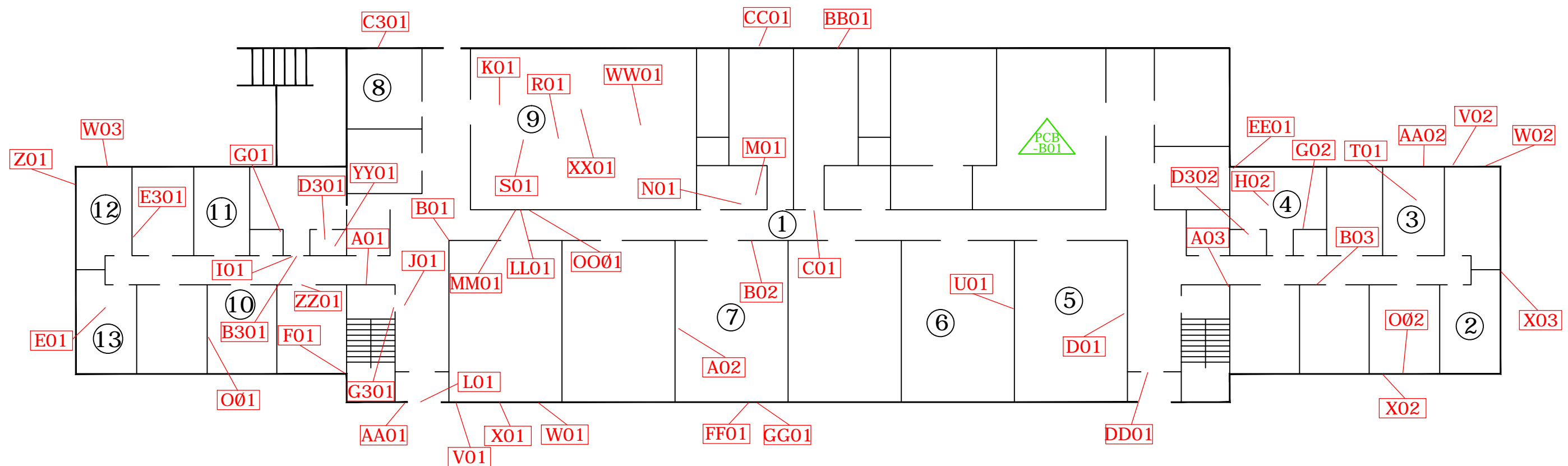
**BUILDING RP4466
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Not Used	Not Used	Not Used
VV	Sealant	White, Cement Exhaust	1
WW	Acoustic Ceiling Panel	2'x4' White, Random Pinhole	1
XX	Acoustic Ceiling Panel	2'x4' White, Solid	1
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Wallboard/Joint Compound	Gray/White, Showers	2
E3	Sealant	Gray, Wood Panel	1
F3	Mortar/Grout	Gray/Gray, 4" Ceramic	1
G3	Glazing	White, Windows on Doors, Interior	1



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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 SAN LEANDRO, CA 94577
 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA




SHEET TITLE

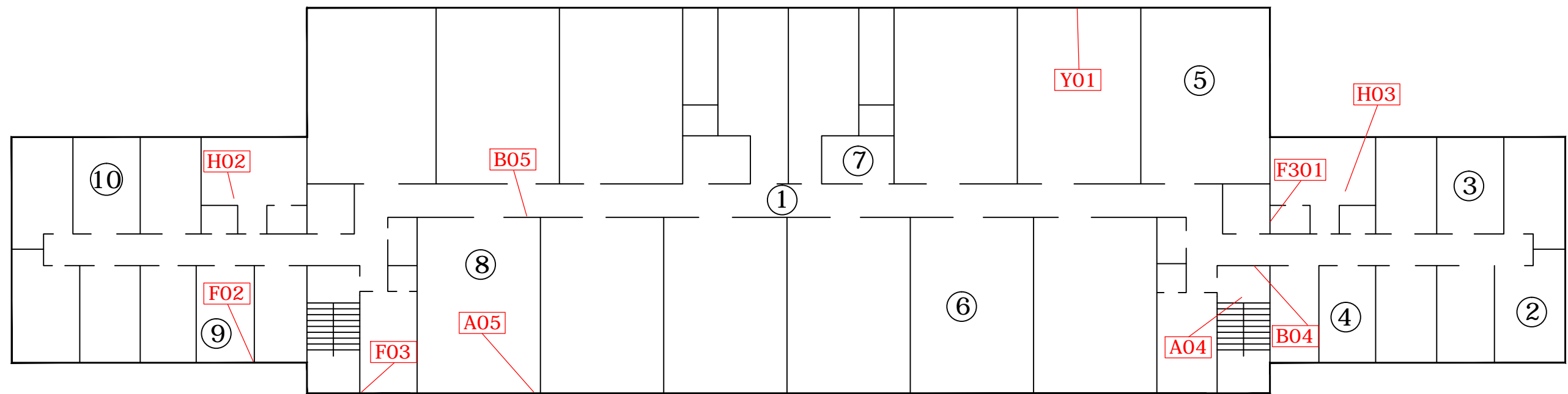
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 SAMPLE LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4466

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS





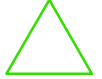
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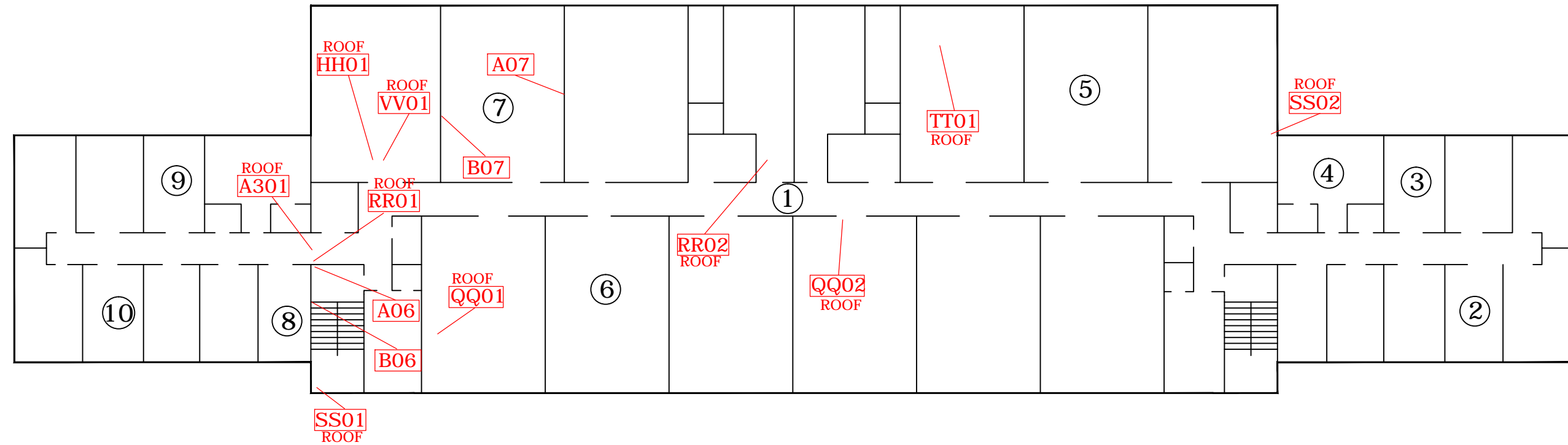
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 FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4466
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4466

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

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SHEET TITLE

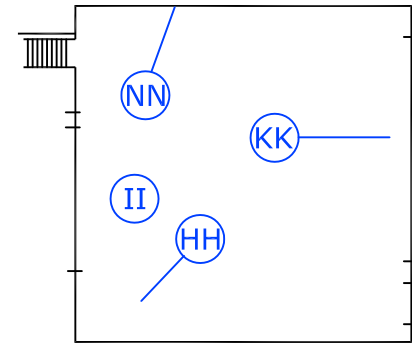
BUILDING RP4466
 SAMPLE LOCATIONS
 THIRD FLOOR

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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

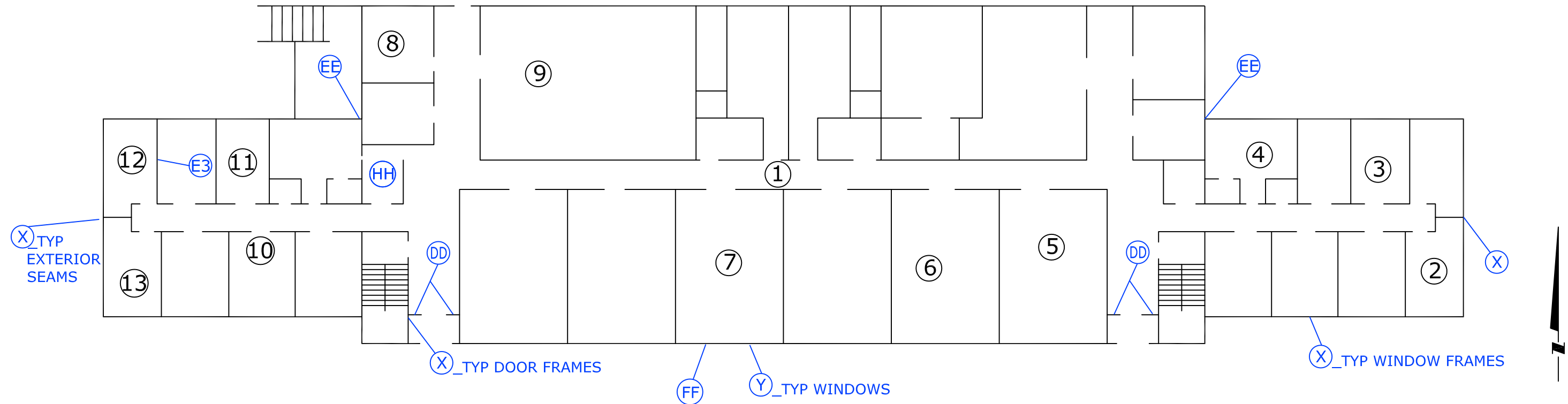
RP4466

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, STAIRWELLS, LAUNDRY ROOMS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
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 SEASIDE, CALIFORNIA



SHEET TITLE

BUILDING RP4466
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

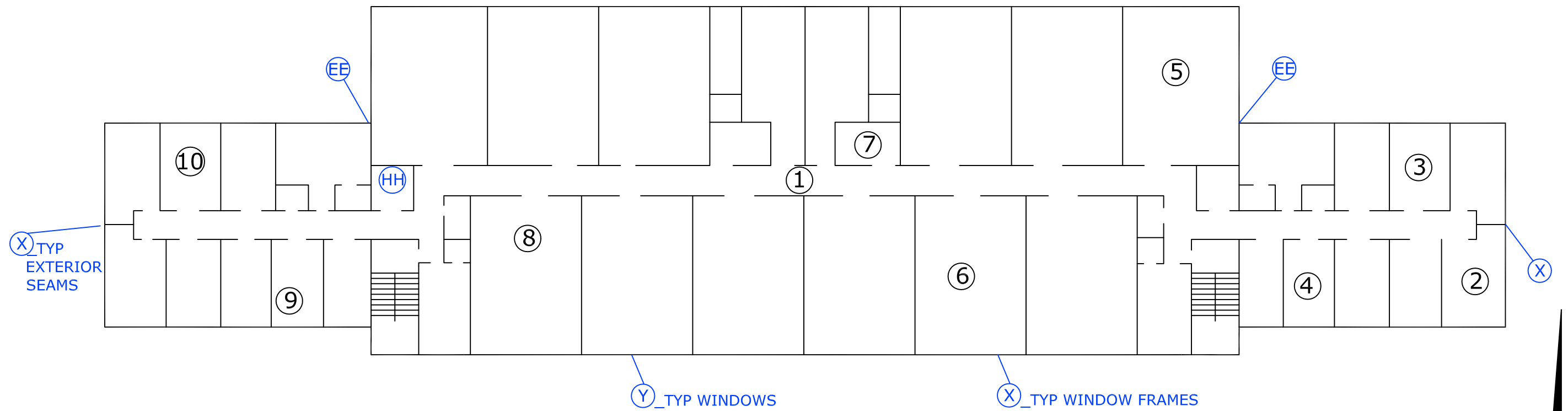
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 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4466

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS,
STAIRWELL, STORAGE ROOMS AND
JANITOR'S CLOSETS.



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510-346-8860

PROJECT TITLE

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SHEET TITLE

BUILDING RP4466
MATERIAL LOCATIONS
SECOND FLOOR

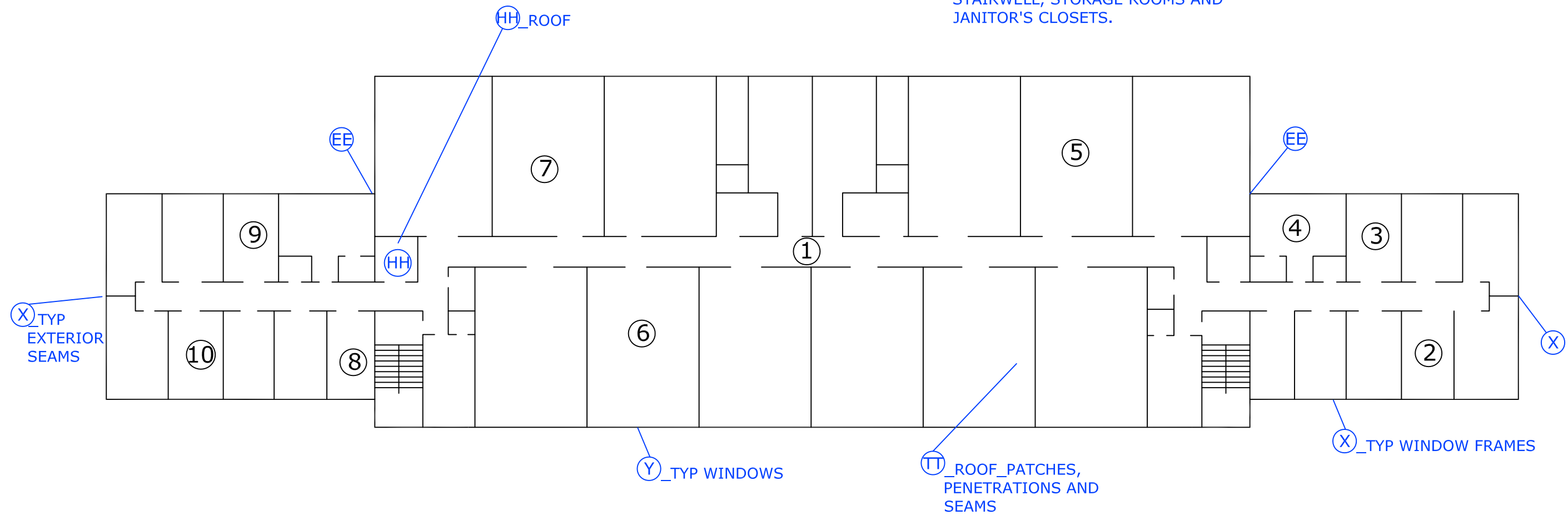
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DRAWN BY: ADF
CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4466

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

(VFT/M) THROUGHOUT EXCEPT RESTROOMS, STAIRWELL, STORAGE ROOMS AND JANITOR'S CLOSETS.



www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE

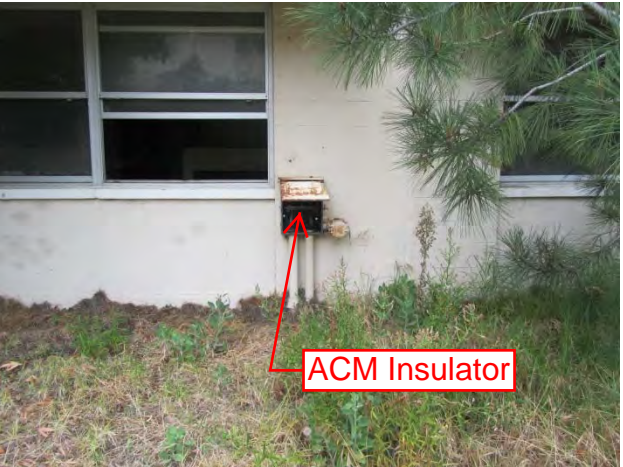
BUILDING RP4466
 MATERIAL LOCATIONS
 THIRD FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

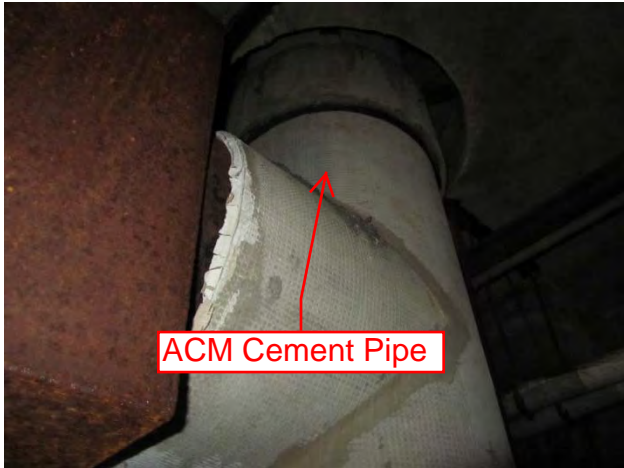
FIGURE

RP4466

BUILDING RP4466
PHOTO DOCUMENTATION



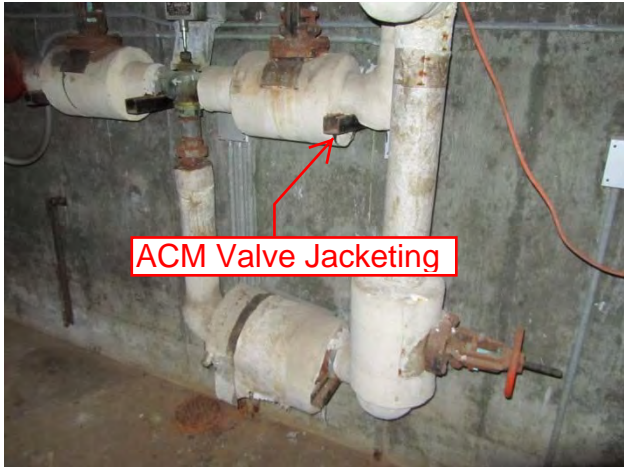
BUILDING RP4466
PHOTO DOCUMENTATION



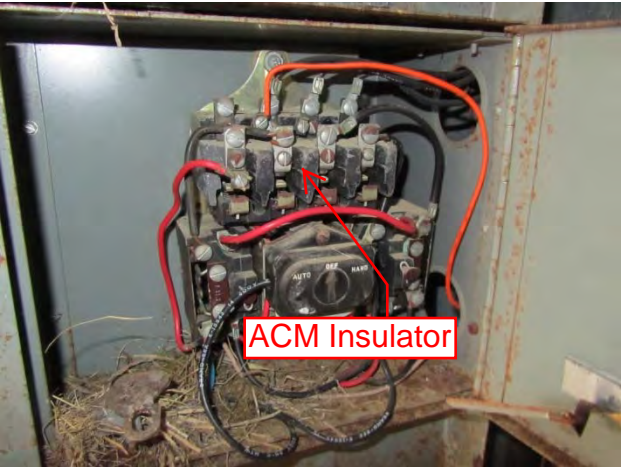
ACM Cement Pipe



ACM Tank Insulation



ACM Valve Jacketing



ACM Insulator



ACM Mastic



ACM Mastic



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217731
Date Received: 03/07/16
Date Analyzed: 03/09/16
Date Printed: 03/10/16
First Reported: 03/10/16

Job ID/Site: 161091001 - Fora, RP4466

FALI Job ID: L1161
Total Samples Submitted: 87
Total Samples Analyzed: 87

Date(s) Collected: 03/04/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-A-01	11738750						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-A-02	11738751						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-A-03	11738752						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-A-04	11738753						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-A-05	11738754						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-A-06	11738755						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217731

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-A-07	11738756						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-B-01	11738757						
Layer: Multi-Layer Paint			ND				
Layer: Off-White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-B-02	11738758						
Layer: Multi-Layer Paint			ND				
Layer: Off-White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-B-03	11738759						
Layer: Multi-Layer Paint			ND				
Layer: Off-White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-B-04	11738760						
Layer: Multi-Layer Paint			ND				
Layer: Off-White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-B-05	11738761						
Layer: Multi-Layer Paint			ND				
Layer: Off-White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-B-06	11738762						
Layer: Multi-Layer Paint			ND				
Layer: Off-White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-B-07	11738763						
Layer: Multi-Layer Paint			ND				
Layer: Off-White Skimcoat			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

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Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-C-01	11738764						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
RP4466-D-01	11738765						
Layer: Black Tile		Chrysotile	2 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4466-E-01	11738766						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4466-F-01	11738767						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-F-02	11738768						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-F-03	11738769						
Layer: White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-G-01	11738770						
Layer: Beige Cementitious Material			ND				
Layer: Grey Grout			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-G-02	11738771						
Layer: Beige Cementitious Material			ND				
Layer: Grey Grout			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-H-01	11738772						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-H-02	11738773						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-H-03	11738774						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-I-01	11738775						
Layer: Brown Ceramic Tile			ND				
Layer: Grey Grout			ND				
Layer: Light Grey Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-J-01	11738776						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-K-01	11738777						
Layer: Yellow Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Fibrous Glass (95 %)		Asbestos (ND)					
RP4466-L-01	11738778						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-M-01	11738779						
Layer: White Fibrous Material			ND				
Layer: Black Non-Fibrous Coating			ND				
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (10 %) Fibrous Glass (80 %)		Asbestos (ND)					

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Report Number: B217731

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-N-01	11738780						
Layer: Silver Foil			ND				
Layer: Grey Mastic			ND				
Layer: Off-White Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
RP4466-O-01	11738781						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-O-02	11738782						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-R-01	11738783						
Layer: Tan Fibrous Material			ND				
Layer: White Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
RP4466-S-01	11738784						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4466-T-01	11738785						
Layer: Brown Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4466-U-01	11738786						
Layer: Brown Tile		Chrysotile	5 %				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
RP4466-V-01	11738787						
Layer: Grey Cementitious Material			ND				
Layer: Light Grey Cementitious Material			ND				
Layer: Tan Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-V-02	11738788						
Layer: Grey Cementitious Material			ND				
Layer: Light Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-W-01	11738789						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-W-02	11738790						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-W-03	11738791						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-X-01	11738792						
Layer: Grey Semi-Fibrous Material		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
RP4466-X-02	11738793						
Layer: Grey Non-Fibrous Material			ND				
Layer: Tan Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-X-03	11738794						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-Y-01	11738795						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					

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Report Number: B217731

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-Z-01	11738796						
Layer: Red Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-AA-01	11738797						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-AA-02	11738798						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-BB-01	11738799						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-CC-01	11738800						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4466-DD-01	11738801						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4466-EE-01	11738802						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Tan Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4466-FF-01	11738803						
Layer: Black Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					

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Report Number: B217731

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-GG-01	11738804						
Layer: Brown Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
RP4466-HH-01	11738805						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %	Crocidolite	3 %		
Total Composite Values of Fibrous Components:		Asbestos (18%)					
Cellulose (Trace)							
RP4466-II-01	11738806						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Fibrous Glass (30 %)							
RP4466-JJ-01	11738807						
Layer: Silver Foil			ND				
Layer: Tan Mastic			ND				
Layer: White Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4466-JJ-02	11738808						
Layer: Silver Foil			ND				
Layer: Tan Mastic			ND				
Layer: White Fibrous Material			ND				
Layer: Tan Fibrous Material			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4466-KK-01	11738809						
Layer: Yellow Fibrous Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	10 %				
Layer: Off-White Woven Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	10 %				
Layer: Off-White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (15 %) Fibrous Glass (60 %)							

Client Name: Vista Environmental Consultants

Report Number: B217731

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-KK-02	11738810						
Layer: Yellow Fibrous Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	10 %				
Layer: Off-White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (10 %)	Fibrous Glass (65 %)						
RP4466-LL-01	11738811						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-MM-01	11738812						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4466-NN-01	11738813						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4466-OO-01	11738814						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4466-PP-01	11738815						
Layer: Yellow Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (75 %)						
RP4466-PP-02	11738816						
Layer: Yellow Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (75 %)						

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-QQ-01	11738817						
Layer: Green Foam			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (40 %)						
RP4466-QQ-02	11738818						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (40 %)						
RP4466-RR-01	11738819						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							
RP4466-RR-02	11738820						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)	Fibrous Glass (30 %)						
Comment: Bulk complex sample.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-SS-01	11738821						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (40 %)						
RP4466-SS-02	11738822						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (40 %)						
RP4466-TT-01	11738823						
Layer: Black Mastic		Chrysotile	7 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
RP4466-VV-01	11738824						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-WW-01	11738825						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4466-XX-01	11738826						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4466-YY-01	11738827						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							

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Report Number: B217731

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-ZZ-01	11738828						
Layer: Brown Fibrous Material			ND				
Layer: Light Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4466-A3-01	11738829						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-B3-01	11738830						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-C3-01	11738831						
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4466-D3-01	11738832						
Layer: Beige Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4466-D3-02	11738833						
Layer: Beige Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4466-E3-01	11738834						
Layer: Beige Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
RP4466-F3-01	11738835						
Layer: White Ceramic Tile			ND				
Layer: Off-White Mastic			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4466-G3-01	11738836						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	A	01	PAINT/SKIM COAT	WHITE/WHITE, ON CONCRETE		
RP4466	A	02				
RP4466	A	03				
RP4466	A	04				
RP4466	A	05				
RP4466	A	06				
RP4466	A	07				
RP4466	B	01	PAINT/SKIM COAT	WHITE/GRAY, ON CMU		
RP4466	B	02				
RP4466	B	03				

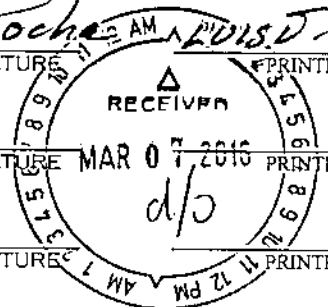
ANALYTICAL METHOD: PLM ~~400 PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.		AM	<u>LUIS J. ROCHA</u>	<u>03/04/16</u>
	TRANSFER SIGNATURE		PRINTED NAME	DATE/TIME
2.				<u>1230 pm</u>
	TRANSFER SIGNATURE		PRINTED NAME	DATE/TIME
3.				
	TRANSFER SIGNATURE		PRINTED NAME	DATE/TIME





VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	B	04				
RP4466	B	05				
RP4466	B	06				
RP4466	B	07				
RP4466	C	01	VFT/MAS	9" GRAY/BLACK		
RP4466	D	01	VFT/MAS	9" BLACK/BLACK		
RP4466	E	01	ACP	2'x4' WHITE, DINHOLE GUDGE		
RP4466	F	01	PAINT/PLASTER	WHITE/GRAY, PIPE CHASE		
RP4466	F	02				
RP4466	F	03				

ANALYTICAL METHOD: PLM ~~400 BE COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

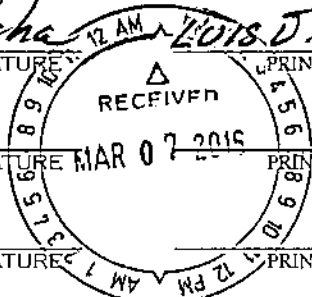
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] 12 AM LOUIS J. ROCHA 03/04/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

2. [Signature] MAR 07 2016 _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

3. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	G	01	MORTAR/GROUT	WHITE/WHITE, CERAMIC WALL		
RP4466	G	02	↓	↓		
RP4466	H	01	PAINT/PUSHER	WHITE/GRAY, CEILING		
RP4466	H	02	↓	↓		
RP4466	H	03	↓	↓		
RP4466	I	01	MORTAR/GROUT	GRAY & BLACK/GRAY, CERAMIC FLOOR		
RP4466	J	01	VFT/MAS	12" WHITE/BLACK		
RP4466	K	01	ACP	2'x4' WHITE, GOGGE FIBERGLASS		
RP4466	L	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC FLOOR		
RP4466	M	01	FLEX JOINT	WHITE, ROUND DUCT		

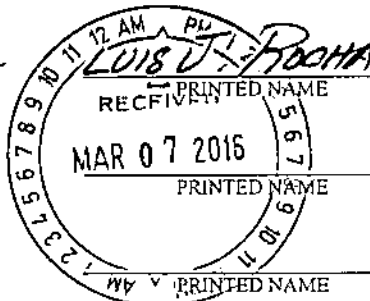
ANALYTICAL METHOD: PLM ~~ASBESTOS COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE LUIS J. ROCHA PRINTED NAME 03/04/16 DATE/TIME
 2. [Signature] TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	N	01	TAPE	WHITE, DUCT		
RP4466	O	01	JOINT COMPOUND	WHITE, PATCHING		
RP4466	O	02	↓	↓		
RP4466	R	01	ACP	2'X4' WHITE, TEXTURED P/WHOLE		
RP4466	S	01	ACP	2'X4' WHITE, HORIZONTAL FISSURE		
RP4466	T	01	VFT/MAS	9" HARBROWN/BLACK		
RP4466	U	01	VFT/MAS	9" TAN/BLACK		
RP4466	V	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY		
RP4466	V	02	↓	↓		
RP4466	W	01	PAINT/STUCCO	WHITE/GRAY, EXTERIOR		

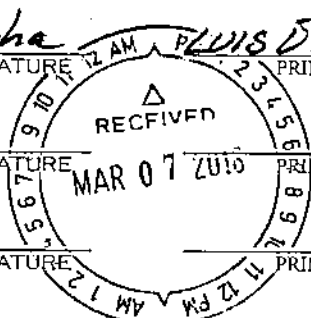
ANALYTICAL METHOD: PLM ~~400 FT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- [Signature] TRANSFER SIGNATURE PLUIS D. ROCHA PRINTED NAME 03/04/16 DATE/TIME
- [Signature] TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
- _____
TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	W	02	↓	↓		
RP4466	W	03	↓	↓		
RP4466	X	01	SEALANT	GRAY, DF, WF & SEAMS		
RP4466	X	02	↓	↓		
RP4466	X	03	↓	↓		
RP4466	Y	01	GLAZING	TAN, WINDOW		
RP4466	Z	01	GASKET	RED, ROUND EXTERIOR		
RP4466	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4466	AA	02	↓	↓		
RP4466	BB	01	SEALANT	GRAY, LOUVER		

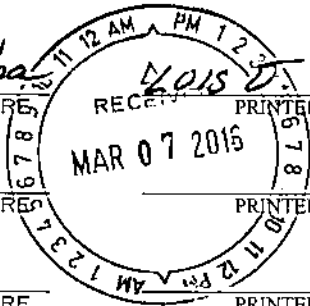
ANALYTICAL METHOD: PLM ~~400 PF COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE NOIS D. ROCHA PRINTED NAME 03/04/16 DATE/TIME
 2. [Signature] TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	CC	01	SEALANT	GRAY, VENT		
RP4466	DD	01	GLAZING	WHITE, WINDOW ON DOOR		
RP4466	EE	01	SEALANT	GRAY, EXPANSION JOINT		
RP4466	FF	01	INSULATOR	BLACK, ELLET BOX		
RP4466	GG	01	INSULATOR	BROWN, ELLET BOX		
RP4466	HH	01	CEMENT PIPE	GRAY, 36" OD		
RP4466	II	01	INSULATION	WHITE, TANK		
RP4466	JJ	01	JACKETING/HAS	WHITE/BLACK, PIPE		
RP4466	JJ	02	↓	↓		
RP4466	KK	01	JACKETING	WHITE, VALVES		

ANALYTICAL METHOD: PLM ~~40019 COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.		7 8 9 AM 12 AM PM 1 2 3 4 5 6 7 8 9	<u>LUISA FROTA</u>	<u>03/04/16</u>
	TRANSFER SIGNATURE	RECEIVED	PRINTED NAME	DATE/TIME
2.		MAR 07 2016		
	TRANSFER SIGNATURE		PRINTED NAME	DATE/TIME
3.	_____			
	TRANSFER SIGNATURE		PRINTED NAME	DATE/TIME



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2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

ASBESTOS BULK SAMPLE LOG

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	KK	02	↓	↓		
RP4466	LL	01	INSULATOR	GRAY, ELLECT BOX		
RP4466	MM	01	INSULATOR PAPER	BEIGE, ELLECT BOX		
RP4466	NN	01	INSULATOR	BLACK, ELLECT. BOX		
RP4466	OO	01	INSULATOR PAPER	GRAY, ELLECT. BOX		
RP4466	PP	01	JACKETING	WHITE, ELBOW		
RP4466	PP	02	↓	↓		
RP4466	QQ	01	ROOF FIELD	BLACK & BLACK, T & G		
RP4466	QQ	02	↓	↓		
RP4466	RR	01	PARAPET/BASE	GRAY & BLACK, BUILT-UP		

ANALYTICAL METHOD: PLM 400 FT-COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

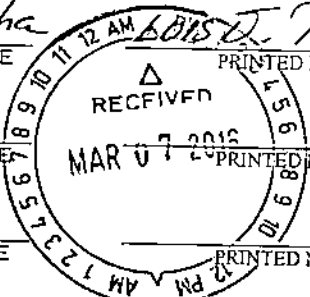
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE BOIS D. ROCHA PRINTED NAME 03/04/16 DATE/TIME

2. [Signature] TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME

3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	RR	02	↓	↓		
RP4466	SS	01	FLASHING	BLACK, T&G		
RP4466	SS	02	↓	↓		
RP4466	TT	01	MASTIC	GRAY & BLACK, ROOF		
RP4466	VV	01	SEALANT	WHITE, EXHAUST		
RP4466	WW	01	ACP	21x4' WHITE, RANDOM PINHOLE		
RP4466	XX	01	ACP	21x4' WHITE, SOLID		
RP4466	YY	01	GASKET	BLACK, LIGHT		
RP4466	ZZ	01	INSULATION	BROWN, FIRE DOOR		
RP4466	A3	01	SEALANT	GRAY, ROOF FLASHING		

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

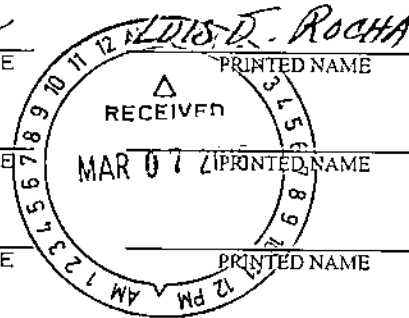
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE ALDIS D. ROCHA PRINTED NAME 03/04/16 DATE/TIME

2. [Signature] TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME

3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME





VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

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SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/04/16

LOCATION: RP4466

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4466	B3	01	VAPOR BARRIER	BLACK, UNDER CERAMIC		
RP4466	C3	01	VAPOR BARRIER	BLACK, CONCRETE FOUNDATION		
RP4466	D3	01	WB/JC	GRAY/WHITE, SHOWER		
RP4466	D3	02	↓	↓		
RP4466	E3	01	SEALANT	GRAY, WOOD PANEL		
RP4466	F3	01	MORTAR/GROUT	GRAY/GRAY CERAMIC WALL		
RP4466	G3	01	GLAZING	WHITE, WINDOW ON DOOR (INTERIOR)		
87 SAMPLES						

ANALYTICAL METHOD: PLM ~~400 PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY

1. [Signature] TRANSFER SIGNATURE LUIS D. ROCHA RECEIVED/PRINTED NAME 03/04/16 DATE/TIME
 2. [Signature] TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME
 3. _____ TRANSFER SIGNATURE _____ PRINTED NAME _____ DATE/TIME

**FORA
RP4466
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
1					SHUTTER_CAL					3.28	cps
2					CALIBRATE				Positive	1	mg/cm ²
3					CALIBRATE				Positive	1	mg/cm ²
4					CALIBRATE				Positive	1	mg/cm ²
117	RP 4466	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
118	RP 4466	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
119	RP 4466	1	OUTSIDE		CEILING	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
120	RP 4466	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.15	mg/cm ²
121	RP 4466	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.3	mg/cm ²
122	RP 4466	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.2	mg/cm ²
123	RP 4466	1	OUTSIDE	SOUTH	STAIRS	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
124	RP 4466	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
125	RP 4466	1	OUTSIDE	SOUTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.02	mg/cm ²
126	RP 4466	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.04	mg/cm ²
127	RP 4466	1	OUTSIDE	NORTH	WINDOW SILL	PLASTER	WHITE	INTACT	Negative	0.04	mg/cm ²
128	RP 4466	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0.03	mg/cm ²
129	RP 4466	1	OUTSIDE	NORTH	PIPE	METAL	BEIGE	DETERIORATED	Positive	7.9	mg/cm ²
130	RP 4466	1	OUTSIDE	NORTH	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.13	mg/cm ²
131	RP 4466	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.03	mg/cm ²
132	RP 4466	1	OUTSIDE	NORTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
133	RP 4466	1	OUTSIDE	NORTH	STAIRS	CONCRETE	BLUE	DETERIORATED	Negative	0.06	mg/cm ²
134	RP 4466	1	OUTSIDE	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
135	RP 4466	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0.13	mg/cm ²
136	RP 4466	1	OUTSIDE	NORTH	VENT	METAL	BEIGE	DETERIORATED	Negative	0.02	mg/cm ²
137	RP 4466	1	OUTSIDE	NORTH	DOWNSPOUT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4466
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
138	RP 4466	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	1.4	mg/cm ²
139	RP 4466	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
140	RP 4466	1	1	SOUTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.17	mg/cm ²
141	RP 4466	1	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
142	RP 4466	1	1	WEST	COLUMN	PLASTER	WHITE	INTACT	Positive	1.3	mg/cm ²
143	RP 4466	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
144	RP 4466	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
145	RP 4466	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	2	mg/cm ²
146	RP 4466	1	1	EAST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.07	mg/cm ²
147	RP 4466	1	1	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
148	RP 4466	1	1	WEST	DOOR	METAL	BROWN	DETERIORATED	Negative	0.06	mg/cm ²
149	RP 4466	1	1	EAST	COLUMN	CONCRETE	WHITE	DETERIORATED	Positive	1.5	mg/cm ²
150	RP 4466	1	1	EAST	WALL	CONCRETE	GREEN, DARK	INTACT	Negative	0.09	mg/cm ²
151	RP 4466	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
152	RP 4466	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
153	RP 4466	1	1	SOUTH	EXPANSION JOINT	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
154	RP 4466	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
155	RP 4466	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
156	RP 4466	1	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
157	RP 4466	1	1	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
158	RP 4466	1	1	EAST	RADIATOR	METAL	WHITE	INTACT	Negative	0.7	mg/cm ²
159	RP 4466	1	1	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Positive	1.5	mg/cm ²
160	RP 4466	1	1	NORTH	WALL PANEL	METAL	WHITE	INTACT	Negative	0.07	mg/cm ²
161	RP 4466	1	1	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	1	mg/cm ²
162	RP 4466	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	2.6	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4466
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
163	RP 4466	1	1	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Positive	3.5	mg/cm ²
164	RP 4466	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	3.5	mg/cm ²
165	RP 4466	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	2.8	mg/cm ²
166	RP 4466	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	2.3	mg/cm ²
167	RP 4466	1	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.2	mg/cm ²
168	RP 4466	1	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
169	RP 4466	1	2	NORTH	DOOR	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
170	RP 4466	1	2	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.9	mg/cm ²
171	RP 4466	1	2	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Positive	2.4	mg/cm ²
172	RP 4466	1	2	NORTH	DOOR FRAME	WOOD	YELLOW	INTACT	Negative	0.29	mg/cm ²
173	RP 4466	1	2	NORTH	SHELF	WOOD	WHITE	INTACT	Negative	0.11	mg/cm ²
174	RP 4466	1	3	NORTH	COLUMN	PLASTER	WHITE	INTACT	Positive	2.4	mg/cm ²
175	RP 4466	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.9	mg/cm ²
176	RP 4466	1	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
177	RP 4466	1	4	WEST	WALL	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
179	RP 4466	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
180	RP 4466	1	4		CEILING	PLASTER	WHITE	INTACT	Negative	0.03	mg/cm ²
181	RP 4466	1	4		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
182	RP 4466	1	4	EAST	STALL	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
183	RP 4466	1	4	EAST	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.1	mg/cm ²
184	RP 4466	1	4	EAST	DOOR	METAL	WHITE	INTACT	Negative	0.09	mg/cm ²
185	RP 4466	1	5	NORTH	DOOR	METAL	BLUE	INTACT	Negative	0.23	mg/cm ²
186	RP 4466	1	5	WEST	COLUMN	METAL	BLUE	INTACT	Negative	0	mg/cm ²
187	RP 4466	1	5	WEST	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
188	RP 4466	1	5	SOUTH	WINDOW SILL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4466
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
189	RP 4466	1	5	SOUTH	RADIATOR	CONCRETE	BLUE	INTACT	Negative	0.08	mg/cm ²
190	RP 4466	1	5	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
191	RP 4466	1	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
192	RP 4466	1	6	WEST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
193	RP 4466	1	6	WEST	CABINET	METAL	BROWN	INTACT	Negative	0	mg/cm ²
194	RP 4466	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
195	RP 4466	1	7	NORTH	WALL	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
196	RP 4466	1	7	NORTH	TRIM	WOOD	VARNISH	INTACT	Negative	0.01	mg/cm ²
197	RP 4466	1	8	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.8	mg/cm ²
198	RP 4466	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
199	RP 4466	1	10	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
200	RP 4466	1	11	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
201	RP 4466	1	12	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	3	mg/cm ²
202	RP 4466	1	13	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	2	mg/cm ²
203	RP 4466	1	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
204	RP 4466	1	STAIRWELL W		STAIRS	CONCRETE	YELLOW	INTACT	Positive	6	mg/cm ²
205	RP 4466	1	STAIRWELL W		STAIRS	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
206	RP 4466	1	STAIRWELL W		CEILING	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
207	RP 4466	1	STAIRWELL W		HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.03	mg/cm ²
208	RP 4466	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	2	mg/cm ²
209	RP 4466	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.8	mg/cm ²
210	RP 4466	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.2	mg/cm ²
211	RP 4466	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.06	mg/cm ²
212	RP 4466	2	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
213	RP 4466	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	3.4	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4466
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
214	RP 4466	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.9	mg/cm ²
215	RP 4466	2	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
216	RP 4466	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.2	mg/cm ²
217	RP 4466	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	2.7	mg/cm ²
218	RP 4466	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
219	RP 4466	2	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
220	RP 4466	2	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
221	RP 4466	2	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
222	RP 4466	2	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
223	RP 4466	2	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
224	RP 4466	2	7	WEST	SHELF	WOOD	WHITE	INTACT	Negative	0.25	mg/cm ²
225	RP 4466	2	7		FLOOR	CONCRETE	GRAY	INTACT	Negative	0.09	mg/cm ²
226	RP 4466	2	8	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
227	RP 4466	2	9	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
228	RP 4466	2	10	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
229	RP 4466	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
230	RP 4466	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.21	mg/cm ²
231	RP 4466	3	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.5	mg/cm ²
232	RP 4466	3	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.16	mg/cm ²
233	RP 4466	3	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.13	mg/cm ²
234	RP 4466	3	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	1.4	mg/cm ²
235	RP 4466	3	1	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	2.9	mg/cm ²
236	RP 4466	3	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Positive	4.7	mg/cm ²
237	RP 4466	3	1	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.08	mg/cm ²
238	RP 4466	3	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.13	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4466
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
239	RP 4466	3	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
240	RP 4466	3	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
241	RP 4466	3	4	WEST	WALL	CERAMIC	WHITE	INTACT	Positive	7.2	mg/cm ²
242	RP 4466	3	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
243	RP 4466	3	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
244	RP 4466	3	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
245	RP 4466	3	7	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
246	RP 4466	3	8	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
247	RP 4466	3	9	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
248	RP 4466	3	10	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
249					SHUTTER_CAL					3.17	cps
250					CALIBRATE				Positive	1	mg/cm ²
251					CALIBRATE				Positive	1	mg/cm ²
252					CALIBRATE				Positive	1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

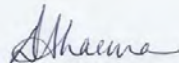
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71488-1
Client Project/Site: Building RP4466

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 3:56:40 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Job ID: 720-71488-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-71488-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: RP4466-PCBB01 (720-71488-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: RP4466-PCBB01 (720-71488-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Client Sample ID: RP4466-PCBB01

Lab Sample ID: 720-71488-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	460000000		250000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Client Sample ID: RP4466-PCBB01

Lab Sample ID: 720-71488-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 16:56	20000
PCB-1221	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 16:56	20000
PCB-1232	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 16:56	20000
PCB-1242	460000000		250000000		ug/Kg		04/23/16 13:16	04/25/16 16:56	20000
PCB-1248	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 16:56	20000
PCB-1254	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 16:56	20000
PCB-1260	ND		250000000		ug/Kg		04/23/16 13:16	04/25/16 16:56	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/23/16 13:16	04/25/16 16:56	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/23/16 13:16	04/25/16 16:56	20000



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71488-1	RP4466-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71488-1	RP4466-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71488-1	RP4466-PCBB01	Total/NA	Solid	8082	201032
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032



Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Client Sample ID: RP4466-PCBB01

Lab Sample ID: 720-71488-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 16:56	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 2
- 3
- 4
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- 6
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- 11
- 12
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- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 3
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4466

TestAmerica Job ID: 720-71488-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71488-1	RP4466-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71488-1

Login Number: 71488

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
Zn	40	mg/kg	10	EPA 3050B/6010B		

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

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Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

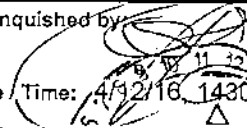
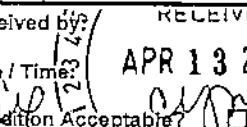
Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address:		P.O. #: 161091001	Date: 4/12/16
Vista Environmental Consulting		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
2984 Teagarden Street		Due Date: _____ Due Time: _____	
San Leandro, CA 94577		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402		
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield		
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %		
Site: FORA	<input type="checkbox"/> TEM Microvac		
Job: RP	<input type="checkbox"/> Special Project:		
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com		<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>	

Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns		Date: 4/12/16	Time: 1400
Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:			
Relinquished by: 	Relinquished by:	Relinquished by:	
Date / Time: 4/12/16 1430	Date / Time:	Date / Time:	
Received by: 	Received by:	Received by:	
Date / Time: APR 13 2016	Date / Time:	Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	

BUILDING RP4467



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4467

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, J, U)	Vinyl Floor Tile/Mastic	9" Gray, Green, Tan/Black	Throughout Except Basement Mechanical Room, Restrooms, Stairwell, Laundry Rooms (2nd & 3rd Floors), Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	35,000 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
Y	Glazing	Tan, Window	Windows	Class II	Category I - Non-Friable	4,750 SF (118 Windows)
BB	Sealant	Gray, "Goosey", Louver	Exterior North Central and Basement Mechanical Room, Louvers	Class II	Category I - Non-Friable	5 SF (64 LF)
CC	Sealant	Clear, Gray, "Silicon-Like"	Exterior North, Vents	Class II	Category I - Non-Friable	10 SF (120 LF)
DD	Glazing	White, Windows on Doors, Exterior	Exterior Doors with Windows	Class II	Category I - Non-Friable	126 SF (6 Doors)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II- Non-Friable	2 SF
GG	Insulator	Brown, Electrical Box	Exterior South Central	Class II	Category II- Non-Friable	2 SF

BUILDING RP4467 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II-Non-Friable	50 LF
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
129	1	Outside	North	Pipe	Metal	Beige	Deteriorated	7.9	mg/cm ²
261	1	Outside	South	Door Frame	Metal	Beige	Deteriorated	1.8	mg/cm ²
270	1	Outside	North	Curb	Concrete	Yellow	Deteriorated	4.3	mg/cm ²
274	1	1	North	Door Frame	Metal	Brown	Intact	5.3	mg/cm ²
280	1	1	West	Radiator	Metal	White	Intact	1.5	mg/cm ²
281	1	1	West	Wall	Concrete	White	Intact	1.5	mg/cm ²
284	1	1	West	Column	Concrete	White	Deteriorated	1.7	mg/cm ²
295	1	1	North	Door Frame	Metal	Brown	Intact	1.4	mg/cm ²
298	1	1	East	Wall	Concrete	White	Intact	1.5	mg/cm ²
299	1	1	East	Column	Concrete	White	Deteriorated	3	mg/cm ²
300	1	1	West	Wall	Concrete	White	Deteriorated	1.6	mg/cm ²
303	1	1	West	Wall	Concrete	White	Intact	3.6	mg/cm ²
321	1	4	South	Door Frame	Metal	Brown	Intact	2	mg/cm ²
326	1	6	North	Wall	Concrete	White	Intact	1.4	mg/cm ²
343	1	Stairwell E	West	Door Frame	Metal	Brown	Deteriorated	1.5	mg/cm ²

BUILDING RP4467 HAZARDOUS MATERIALS SUMMARY

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
344	1	Stairwell E		Hand Rail	Metal	Red	Deteriorated	4.3	mg/cm ²
348	1	Stairwell E		Stairs	Concrete	Gray	Intact	10.1	mg/cm ²
349	2	1	South	Wall	Concrete	White	Intact	1.6	mg/cm ²
350	2	1	South	Column	Concrete	White	Intact	1.9	mg/cm ²
352	2	1	North	Door Frame	Metal	Brown	Intact	1.3	mg/cm ²
359	2	2	South	Door Frame	Metal	Blue	Intact	2.2	mg/cm ²
367	2	9	West	Wall	Concrete	White	Intact	1.2	mg/cm ²
368	2	9	West	Wall	Ceramic	White	Intact	14.7	mg/cm ²
372	3	1	South	Wall	Concrete	White	Intact	1.5	mg/cm ²
373	3	1	South	Column	Concrete	White	Intact	3	mg/cm ²
378	3	1	South	Door Frame	Metal	Brown	Intact	2.2	mg/cm ²
379	3	1	West	Wall	Concrete	White	Intact	1.6	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING RP4467

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	2

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells.

BUILDING RP4467

HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4467-PCBB01	Ballast Capacitor Oil	PCB-1242	300,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a “PCB Bulk Product Waste” according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4467
ASBESTOS SAMPLING INVENTORY

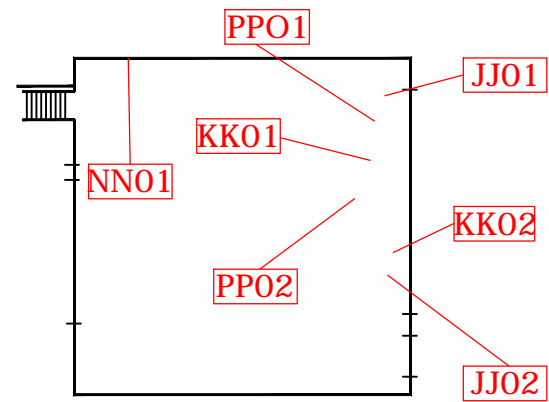
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Not Used	Not Used	Not Used
E	Acoustic Ceiling Panel	2'x4' White, Fiberglass	2
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/Gray, Large Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	1
J	Vinyl Floor Tile/Mastic	9" Green/Black	1
K	Acoustic Ceiling Panel	2'x4' White, Pinhole Gouge	1
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Not Used	Not Used	Not Used
Q	Basecove/Mastic	4" Gray/Yellow & Brown	1
R	Not Used	Not Used	Not Used
S	Not Used	Not Used	Not Used
T	Not Used	Not Used	Not Used
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

BUILDING RP4467 ASBESTOS SAMPLING INVENTORY



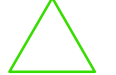
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	2
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	White, Windows on Doors, Exterior	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Not Used	Not Used	Not Used
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

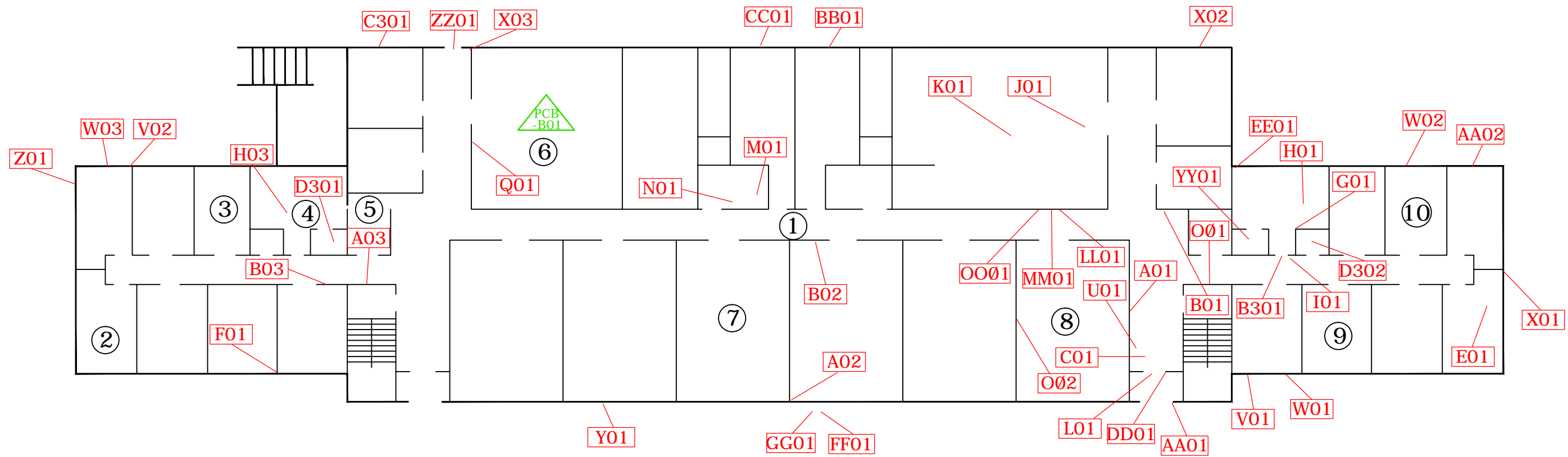
**BUILDING RP4467
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Not Used	Not Used	Not Used
VV	Sealant	White, Cement Exhaust	1
WW	Not Used	Not Used	Not Used
XX	Not Used	Not Used	Not Used
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Wallboard/Joint Compound	Gray/White	2
E3	Mortar/Grout	White/Gray, 4" Ceramic	1
F3	Glazing	White, Windows on Doors, Interior	1



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






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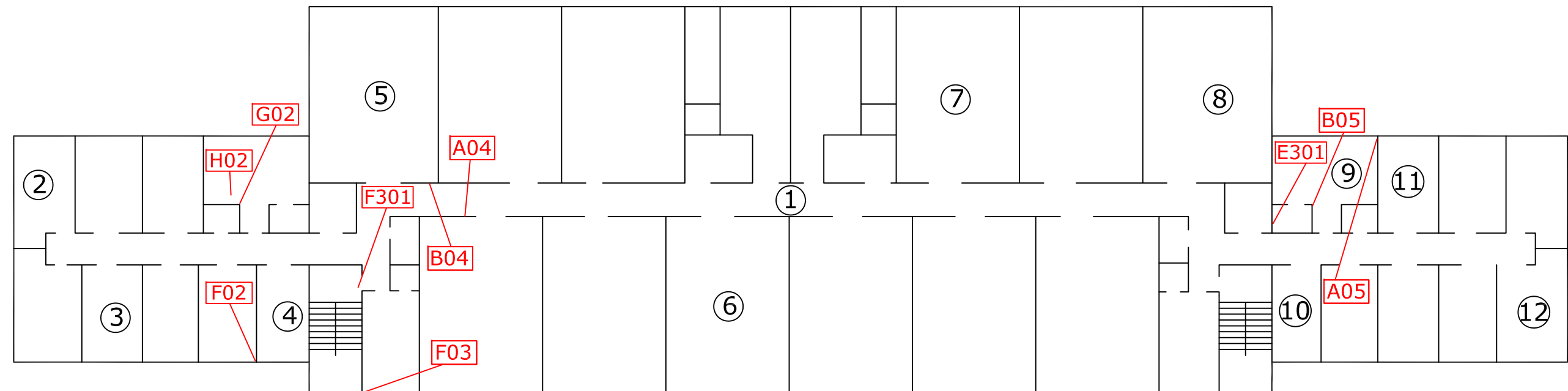
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 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4467
 SAMPLE LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4467

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

FORA
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
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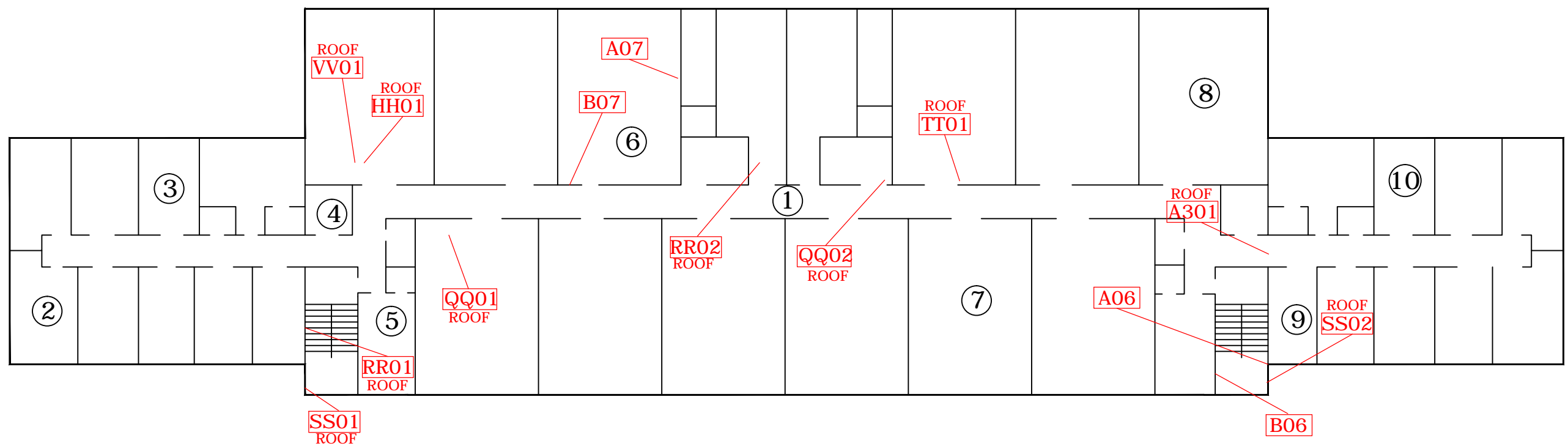
BUILDING RP4467
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4467

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS





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PROJECT TITLE
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SHEET TITLE
 BUILDING RP4467
 SAMPLE LOCATIONS
 THIRD FLOOR

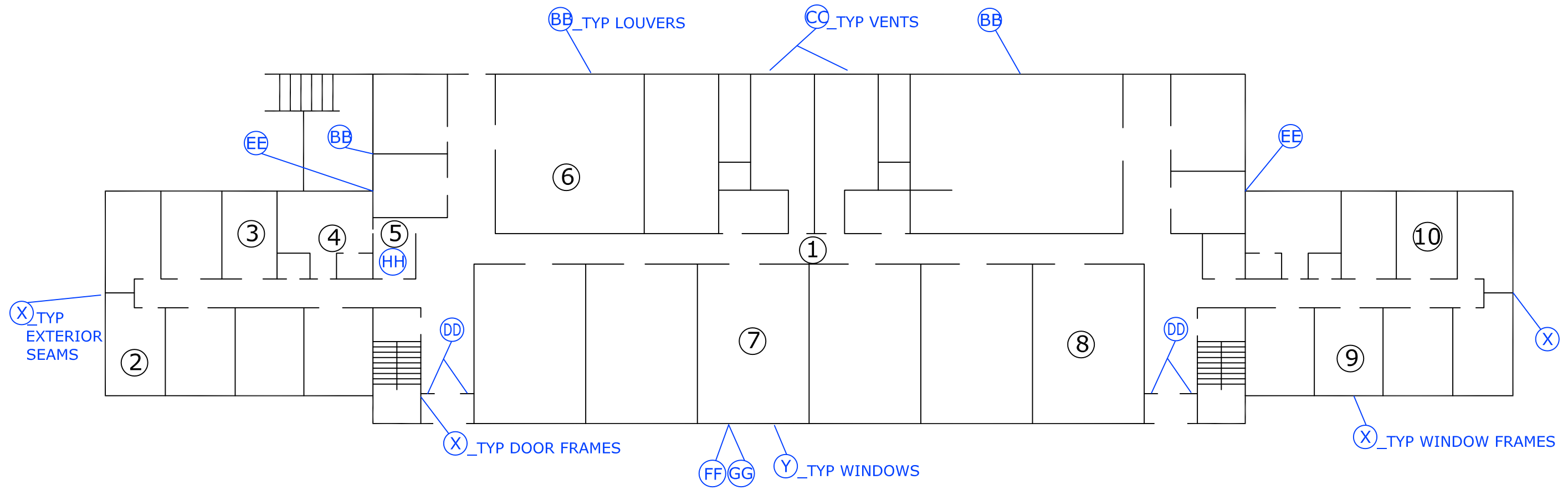
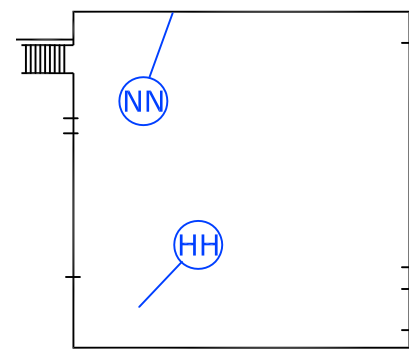
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4467

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M_THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, EAST STAIRWELL, LAUNDRY ROOMS EAST, STORAGE ROOMS AND CUSTODIAN'S CLOSETS.

MECHANICAL ROOM





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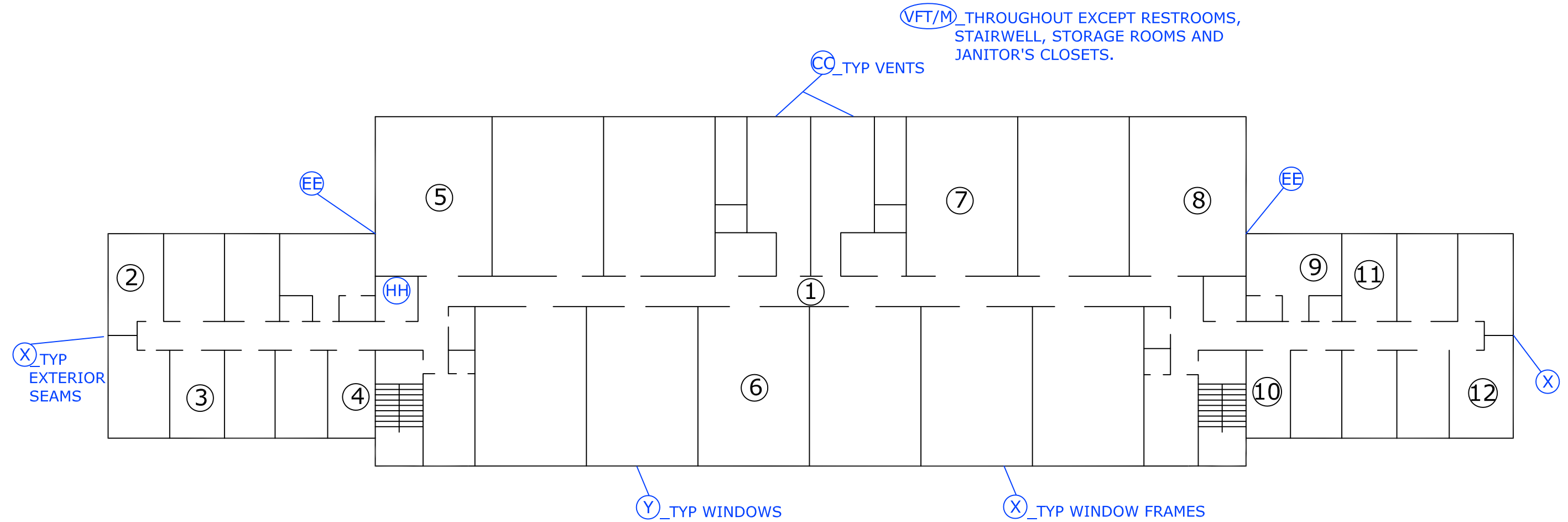
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 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4467
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
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FIGURE
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LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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SHEET TITLE

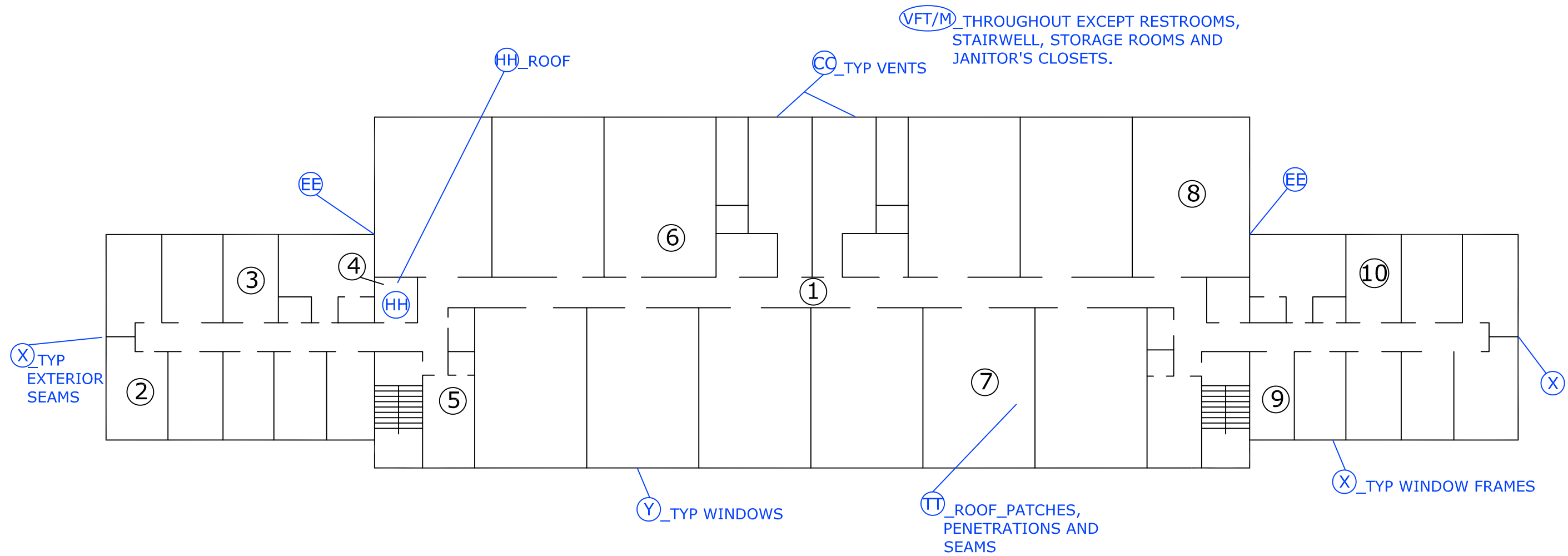
BUILDING RP4467
 MATERIAL LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4467

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



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PROJECT TITLE

FORA
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 SEASIDE, CALIFORNIA

SHEET TITLE

BUILDING RP4467
 MATERIAL LOCATIONS
 THIRD FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4467

BUILDING RP4467
PHOTO DOCUMENTATION



BUILDING RP4467
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217894
Date Received: 03/10/16
Date Analyzed: 03/15/16
Date Printed: 03/15/16
First Reported: 03/15/16

Job ID/Site: 161091001 - FORA, RP4467

FALI Job ID: L1161
Total Samples Submitted: 80
Total Samples Analyzed: 80

Date(s) Collected: 03/08/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-A-01	11739950						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-A-02	11739951						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-A-03	11739952						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-A-04	11739953						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-A-05	11739954						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-A-06	11739955						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-A-07	11739956						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-B-01	11739957						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-B-02	11739958						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-B-03	11739959						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-B-04	11739960						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-B-05	11739961						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-B-06	11739962						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-B-07	11739963						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-C-01	11739964						
Layer: Off-White Tile		Chrysotile	7 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (7%)					
RP4467-E-01	11739965						
Layer: Yellow Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (2 %) Fibrous Glass (90 %)		Asbestos (ND)					
RP4467-F-01	11739966						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-F-02	11739967						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-F-03	11739968						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-G-01	11739969						
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-G-02	11739970						
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-H-01	11739971						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-H-02	11739972						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-H-03	11739973						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-I-01	11739974						
Layer: Grey Mortar			ND				
Layer: Black Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-J-01	11739975						
Layer: Green Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-K-01	11739976						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4467-L-01	11739977						
Layer: Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-M-01	11739978						
Layer: White Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (90 %)							
RP4467-N-01	11739979						
Layer: White Adhesive			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-O-01	11739980						
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-O-02	11739981						
Layer: Off-White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-Q-01	11739982						
Layer: Grey Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-U-01	11739983						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4467-V-01	11739984						
Layer: Grey Mortar			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-V-02	11739985						
Layer: Grey Mortar			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-W-01	11739986						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-W-02	11739987						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-W-03	11739988						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-X-01	11739989						
Layer: Grey Putty		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					
RP4467-X-02	11739990						
Layer: Grey Putty		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					
RP4467-X-03	11739991						
Layer: Grey Putty		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					
RP4467-Y-01	11739992						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-Z-01	11739993						
Layer: Red Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-AA-01	11739994						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-AA-02	11739995						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4467-BB-01	11739996						
Layer: Grey Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4467-CC-01	11739997						
Layer: Grey Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4467-DD-01	11739998						
Layer: Grey Putty		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4467-EE-01	11739999						
Layer: Grey Putty		Chrysotile	10 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					
RP4467-FF-01	11740000						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					
RP4467-GG-01	11740001						
Layer: Brown Semi-Fibrous		Chrysotile	10 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (10%)					

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-HH-01	11740002						
Layer: White Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
RP4467-JJ-01	11740003						
Layer: Yellow Fibrous Tile			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (90 %)							
RP4467-JJ-02	11740004						
Layer: Yellow Fibrous Tile			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (90 %)							
RP4467-KK-01	11740005						
Layer: Yellow Fibrous Tile			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (90 %)							
RP4467-KK-02	11740006						
Layer: Yellow Fibrous Tile			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (90 %)							
RP4467-LL-01	11740007						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-MM-01	11740008						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4467-NN-01	11740009						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4467-OO-01	11740010						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-PP-01	11740011						
Layer: Yellow Fibrous Tile			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (90 %)						
RP4467-PP-02	11740012						
Layer: Yellow Fibrous Tile			ND				
Layer: White Woven Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (90 %)						
RP4467-QQ-01	11740013						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)	Fibrous Glass (10 %)						
Comment: Bulk complex sample.							
RP4467-QQ-02	11740014						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)	Fibrous Glass (10 %)						
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-RR-01	11740015						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
RP4467-RR-02	11740016						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
RP4467-SS-01	11740017						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-SS-02	11740018						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
RP4467-TT-01	11740019						
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4467-VV-01	11740020						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-YY-01	11740021						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)							
RP4467-ZZ-01	11740022						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4467-A3-01	11740023						
Layer: Grey Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-B3-01	11740024						
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
RP4467-C3-01	11740025						
Layer: Black Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217894

Date Printed: 03/15/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4467-D3-01	11740026						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
RP4467-D3-02	11740027						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
RP4467-E3-01	11740028						
Layer: White Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4467-F3-01	11740029						
Layer: White Putty			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	A	01	PAINT/SKIM COAT	WHITE/WHITE, CONCRETE		
RP4467	A	02				
RP4467	A	03				
RP4467	A	04				
RP4467	A	05				
RP4467	A	06				
RP4467	A	07				
RP4467	B	01	PAINT/SKIM COAT	WHITE/WHITE, CMU		
RP4467	B	02				
RP4467	B	03				

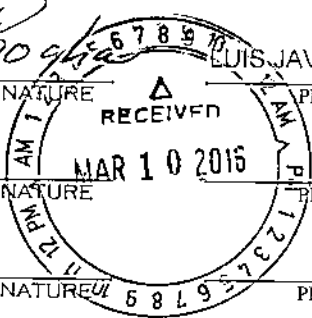
ANALYTICAL METHOD: PLM ~~100-PT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY

1. [Signature] TRANSFER SIGNATURE LUIS JAVIER ROCHA PRINTED NAME 03/08/16 DATE/TIME
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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	B	04				
RP4467	B	05				
RP4467	B	06				
RP4467	B	07				
RP4467	C	01	VFT/MAS	9" GRAY/BLACK		
RP4467	E	01	ACP	2'X4' WHITE, FIBERGLASS		
RP4467	F	01	PAINT/PLASTER	WHITE/GRAY, PIPE CHASE		
RP4467	F	02				
RP4467	F	03				
RP4467	G	01	MORTAR/GROUT	WHITE/GRAY, CERAMIC WALL		

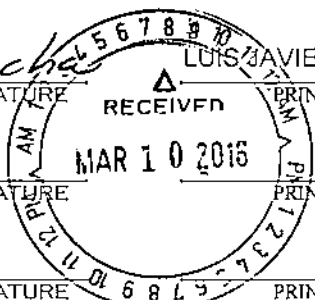
ANALYTICAL METHOD: PLM ~~ACCP/COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	G	02				
RP4467	H	01	PAINT/PLASTER	WHITE/GRAY, CEMENT LINES		
RP4467	H	02				
RP4467	H	03				
RP4467	I	01	MORTAR/GROUT	GRAY/BLACK/GRAY, CERAMIC FLOOR		
RP4467	J	01	VET/MS	9" GREEN/BLACK		
RP4467	K	01	ACP	2x4' WHITE, DIMHOLE GOUGE		
RP4467	L	01	MORTAR/GROUT	GRAY/GRAY, CERAMIC FLOOR		
RP4467	M	01	FLEX JOINT	WHITE, ROUND DUCT		
RP4467	N	01	TAPE	WHITE, DUCT		

ANALYTICAL METHOD: PLM ~~400-PT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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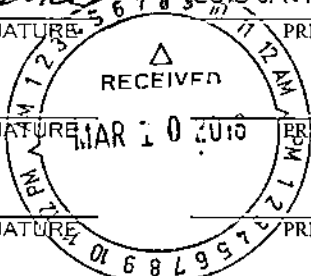
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CHAIN OF CUSTODY:

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	0	01	JOINT COMPOUND	WHITE, PATCH		
RP4467	0	02	↓	↓		
RP4467	Q	01	BASECOAT/HAS	4" GRAY/YELLOW & BROWN		
RP4467	U	01	VFT/HAS	9" TAN/BLACK		
RP4467	V	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY, WALLS		
RP4467	V	02	↓	↓		
RP4467	W	01	PAINT/STUCCO	WHITE/GRAY, EXTERIOR		
RP4467	W	02	↓	↓		
RP4467	W	03	↓	↓		
RP4467	X	01	SEALANT	GRAY, EXTERIOR OF, INF & SLATS		

ANALYTICAL METHOD: PLM ~~400 PTC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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CHAIN OF CUSTODY:

1. [Signature] 6789 LUIS JAVIER ROCHA
TRANSFER SIGNATURE PRINTED NAME

2. [Signature] MAR 10 2015 d/o
TRANSFER SIGNATURE PRINTED NAME

3. _____
TRANSFER SIGNATURE PRINTED NAME

03/08/16
DATE/TIME

DATE/TIME

DATE/TIME



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SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	X	02	↓	↓		
RP4467	X	03	↓	↓		
RP4467	Y	01	GLAZING	TRH, WINDOW		
RP4467	Z	01	GASKET	RED, ROUND VENT		
RP4467	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4467	AA	02	↓	↓		
RP4467	BB	01	SEALANT	GRAY, LOUVER		
RP4467	CC	01	SEALANT	GRAY, VENT		
RP4467	DD	01	GLAZING	WHITE, INTERIOR WINDOW		
RP4467	EE	01	SEALANT	GRAY, EXPANSION JOINT		

ANALYTICAL METHOD: PLM 400.PT.COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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CHAIN OF CUSTODY:

1. [Signature] 8 9 10 LUIS JAVIER ROCHA 03/08/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

2. [Signature] RECEIVED MAR 20 2016 [Signature]
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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CBJR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	FF	01	INSULATOR	BLACK, ELECT. BOX		
RP4467	GG	01	INSULATOR	BROWN, ELECT. BOX		
RP4467	HH	01	CEMENT PIPE	GRAY, 36" OD		
RP4467	JJ	01	JACKETING / HAS	WHITE / BLACK, PIPES		
RP4467	JJ	02	↓	↓		
RP4467	KK	01	JACKETING	WHITE, VALVE		
RP4467	KK	02	↓	↓		
RP4467	LL	01	INSULATOR	GRAY, ELECT BOX		
RP4467	MM	01	INSULATOR PAPER	BEIGE, ELECT BOX		
RP4467	NN	01	INSULATOR	BLACK, ELECT BOX		

ANALYTICAL METHOD: PLM ~~400 PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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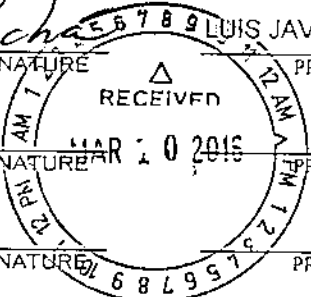
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TRANSFER SIGNATURE PRINTED NAME DATE/TIME

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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST NO: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	00	01	INSULATOR PAPER	GRAY, ELECT BOX		
RP4467	PP	01	JACKETING	WHITE, ELBOW		
RP4467	PP	02	↓	↓		
RP4467	QQ	01	ROOF FIELD	BLACK & BLACK, T&G		
RP4467	QQ	02	↓	↓		
RP4467	RR	01	PARAPET/BASE	GRAY/BLACK, BUILT UP		
RP4467	RR	02	↓	↓		
RP4467	SS	01	FLASHING	BLACK & BLACK, T&G		
RP4467	SS	02	↓	↓		
RP4467	TT	01	MASTIC	GRAY & BLACK, ROOF		

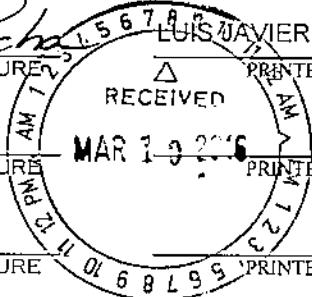
ANALYTICAL METHOD: PLM ~~400 PT. COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/08/16

LOCATION: RP4467

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

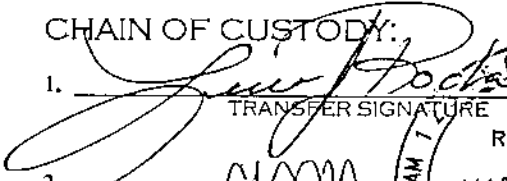
BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4467	VV	01	SEALANT	WHITE, CEMENT EXHAUST		
RP4467	YY	01	GASKET	BLACK, SHOWER LIGHT		
RP4467	ZZ	01	INSULATION	BROWN, FIRE DOOR		
RP4467	A3	01	SEALANT	GRAY, ROOF FLASHING		
RP4467	B3	01	VAPOR BARRIER	BLACK, CERAMIC FLOOR		
RP4467	E3	01	VAPOR BARRIER	BLACK, CONCRETE FOUNDATION		
RP4467	D3	01	WB/SC	GRAY/WHITE, CEILING		
RP4467	D3	02	↓	↓		
RP4467	E3	01	MORTAR/GROUT	WHITE/GRAY, CERAMIC FLOOR		
RP4467	F3	01	GLAZING	WHITE, WINDOW ON DOOR		

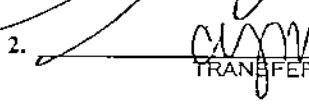
ANALYTICAL METHOD: PLM ~~100:PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

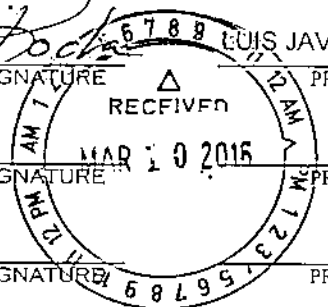
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1.  5788 LUIS JAVIER ROCHA 03/08/16
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

2.  MAR 10 2016 d/j _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME

3. _____
TRANSFER SIGNATURE PRINTED NAME DATE/TIME



**FORA
RP4467
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
249					SHUTTER_CAL					3.17	cps
250					CALIBRATE				Positive	1	mg/cm ²
251					CALIBRATE				Positive	1	mg/cm ²
252					CALIBRATE				Positive	1	mg/cm ²
253	RP 4467	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
254	RP 4467	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0.01	mg/cm ²
256	RP 4467	1	OUTSIDE		CEILING	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
257	RP 4467	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.12	mg/cm ²
258	RP 4467	1	OUTSIDE	SOUTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.1	mg/cm ²
259	RP 4467	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.07	mg/cm ²
260	RP 4467	1	OUTSIDE	SOUTH	DOOR	METAL	BEIGE	DETERIORATED	Negative	0.13	mg/cm ²
261	RP 4467	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BEIGE	DETERIORATED	Positive	1.8	mg/cm ²
262	RP 4467	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
263	RP 4467	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
264	RP 4467	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
265	RP 4467	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
266	RP 4467	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.05	mg/cm ²
267	RP 4467	1	OUTSIDE	NORTH	HAND RAIL	METAL	RED	DETERIORATED	Negative	0.6	mg/cm ²
268	RP 4467	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
269	RP 4467	1	OUTSIDE	NORTH	DUCT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
270	RP 4467	1	OUTSIDE	NORTH	CURB	CONCRETE	YELLOW	DETERIORATED	Positive	4.3	mg/cm ²
271	RP 4467	1	OUTSIDE	NORTH	PIPE	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
272	RP 4467	1	OUTSIDE	NORTH	DOOR	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
273	RP 4467	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BEIGE	DETERIORATED	Negative	0.02	mg/cm ²
274	RP 4467	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	5.3	mg/cm ²

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**FORA
RP4467
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
275	RP 4467	1	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
276	RP 4467	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
277	RP 4467	1	1	EAST	COLUMN	PLASTER	WHITE	INTACT	Negative	0.7	mg/cm ²
278	RP 4467	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.03	mg/cm ²
280	RP 4467	1	1	WEST	RADIATOR	METAL	WHITE	INTACT	Positive	1.5	mg/cm ²
281	RP 4467	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.5	mg/cm ²
282	RP 4467	1	1	WEST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.01	mg/cm ²
283	RP 4467	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
284	RP 4467	1	1	WEST	COLUMN	CONCRETE	WHITE	DETERIORATED	Positive	1.7	mg/cm ²
285	RP 4467	1	1	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.29	mg/cm ²
286	RP 4467	1	1	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
287	RP 4467	1	1	WEST	DOOR	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
288	RP 4467	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
289	RP 4467	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
290	RP 4467	1	1	SOUTH	EXPANSION JOINT	CONCRETE	WHITE	INTACT	Negative	0.8	mg/cm ²
291	RP 4467	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.16	mg/cm ²
292	RP 4467	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
293	RP 4467	1	1	NORTH	WALL PANEL	METAL	WHITE	INTACT	Negative	0.12	mg/cm ²
294	RP 4467	1	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.17	mg/cm ²
295	RP 4467	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.4	mg/cm ²
296	RP 4467	1	1	NORTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
297	RP 4467	1	1	NORTH	WALL PANEL	METAL	BROWN	DETERIORATED	Negative	0.1	mg/cm ²
298	RP 4467	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	1.5	mg/cm ²
299	RP 4467	1	1	EAST	COLUMN	CONCRETE	WHITE	DETERIORATED	Positive	3	mg/cm ²
300	RP 4467	1	1	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Positive	1.6	mg/cm ²

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**FORA
RP4467
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
302	RP 4467	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.16	mg/cm ²
303	RP 4467	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	3.6	mg/cm ²
304	RP 4467	1	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.3	mg/cm ²
305	RP 4467	1	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.14	mg/cm ²
306	RP 4467	1	2	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
307	RP 4467	1	2	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
308	RP 4467	1	2	NORTH	SHELF	WOOD	WHITE	INTACT	Negative	0.08	mg/cm ²
309	RP 4467	1	2	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
311	RP 4467	1	2	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
312	RP 4467	1	2	SOUTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
313	RP 4467	1	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
314	RP 4467	1	3	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0.03	mg/cm ²
315	RP 4467	1	4	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
316	RP 4467	1	4	SOUTH	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
317	RP 4467	1	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
318	RP 4467	1	4		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
319	RP 4467	1	4		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
320	RP 4467	1	4	WEST	STALL	METAL	BROWN	INTACT	Negative	0.01	mg/cm ²
321	RP 4467	1	4	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2	mg/cm ²
322	RP 4467	1	4	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
323	RP 4467	1	5	NORTH	WALL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²
324	RP 4467	1	5	WEST	CABINET	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
325	RP 4467	1	5		FLOOR	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
326	RP 4467	1	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.4	mg/cm ²
327	RP 4467	1	6	NORTH	HVAC	METAL	WHITE	INTACT	Negative	0	mg/cm ²

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**FORA
RP4467
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
328	RP 4467	1	6		COLUMN	CONCRETE	WHITE	INTACT	Negative	0.2	mg/cm ²
329	RP 4467	1	7	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
330	RP 4467	1	7	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
331	RP 4467	1	7	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.16	mg/cm ²
332	RP 4467	1	7	WEST	CABINET	METAL	BROWN	DETERIORATED	Negative	0.09	mg/cm ²
333	RP 4467	1	7	NORTH	WALL	WOOD	WHITE	INTACT	Negative	0.15	mg/cm ²
334	RP 4467	1	7	NORTH	TRIM	WOOD	BROWN, LIGHT	INTACT	Negative	0.08	mg/cm ²
335	RP 4467	1	7	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
336	RP 4467	1	7	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
337	RP 4467	1	8	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
338	RP 4467	1	9	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.14	mg/cm ²
339	RP 4467	1	9	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
340	RP 4467	1	10	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
341	RP 4467	1	10	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
342	RP 4467	1	STAIRWELL E	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
343	RP 4467	1	STAIRWELL E	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1.5	mg/cm ²
344	RP 4467	1	STAIRWELL E		HAND RAIL	METAL	RED	DETERIORATED	Positive	4.3	mg/cm ²
345	RP 4467	1	STAIRWELL E		FLOOR	CONCRETE	GRAY	DETERIORATED	Negative	0.06	mg/cm ²
346	RP 4467	1	STAIRWELL E		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
347	RP 4467	1	STAIRWELL E		STAIRS	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
348	RP 4467	1	STAIRWELL E		STAIRS	CONCRETE	GRAY	INTACT	Positive	10.1	mg/cm ²
349	RP 4467	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.6	mg/cm ²
350	RP 4467	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.9	mg/cm ²
351	RP 4467	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
352	RP 4467	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4467
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
353	RP 4467	2	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
354	RP 4467	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
355	RP 4467	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
356	RP 4467	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
357	RP 4467	2	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
358	RP 4467	2	2	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.08	mg/cm ²
359	RP 4467	2	2	SOUTH	DOOR FRAME	METAL	BLUE	INTACT	Positive	2.2	mg/cm ²
360	RP 4467	2	2	EAST	BASEBOARD	CERAMIC	BLUE	INTACT	Negative	0	mg/cm ²
361	RP 4467	2	3	EAST	WALL	CONCRETE	GREEN, DARK	INTACT	Negative	0.03	mg/cm ²
362	RP 4467	2	4	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
363	RP 4467	2	5	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
364	RP 4467	2	6	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
365	RP 4467	2	7	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
366	RP 4467	2	8	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
367	RP 4467	2	9	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.2	mg/cm ²
368	RP 4467	2	9	WEST	WALL	CERAMIC	WHITE	INTACT	Positive	14.7	mg/cm ²
369	RP 4467	2	10	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
370	RP 4467	2	11	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
371	RP 4467	2	12	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
372	RP 4467	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.5	mg/cm ²
373	RP 4467	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	3	mg/cm ²
374	RP 4467	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
375	RP 4467	3	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
376	RP 4467	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
377	RP 4467	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.23	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4467
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
378	RP 4467	3	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	2.2	mg/cm ²
379	RP 4467	3	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.6	mg/cm ²
380	RP 4467	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
381	RP 4467	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
382	RP 4467	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
383	RP 4467	3	2	WEST	DOOR	WOOD	YELLOW	INTACT	Negative	0.05	mg/cm ²
384	RP 4467	3	2	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
385	RP 4467	3	3	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
386	RP 4467	3	4	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
387	RP 4467	3	4	WEST	SHELF	WOOD	RED	INTACT	Negative	0.05	mg/cm ²
388	RP 4467	3	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
389	RP 4467	3	6	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
390	RP 4467	3	6	NORTH	WALL	WOOD	WHITE	INTACT	Negative	0.02	mg/cm ²
391	RP 4467	3	6	NORTH	TRIM	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
392	RP 4467	3	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
393	RP 4467	3	8	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
394	RP 4467	3	9	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
395	RP 4467	3	10	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
668					CALIBRATE				Positive	1.1	mg/cm ²
669					CALIBRATE				Positive	1	mg/cm ²
670					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

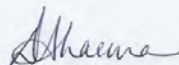
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71486-1
Client Project/Site: Building RP4467

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 3:46:58 PM

Dimple Sharma, Senior Project Manager
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Job ID: 720-71486-1

Laboratory: TestAmerica Pleasanton

Narrative

**Job Narrative
720-71486-1**

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:56 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: RP4467-PCBB01 (720-71486-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3550B: Sample initial amount was reduced to due to very high probability that these samples contain very high levels of PCBs.

RP4467-PCBB01 (720-71486-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Client Sample ID: RP4467-PCBB01

Lab Sample ID: 720-71486-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	300000000		150000000		ug/Kg	50000		8082	Total/NA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Client Sample ID: RP4467-PCBB01

Lab Sample ID: 720-71486-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:56

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150000000		ug/Kg		04/16/16 14:12	04/19/16 11:02	50000
PCB-1221	ND		150000000		ug/Kg		04/16/16 14:12	04/19/16 11:02	50000
PCB-1232	ND		150000000		ug/Kg		04/16/16 14:12	04/19/16 11:02	50000
PCB-1242	300000000		150000000		ug/Kg		04/16/16 14:12	04/19/16 11:02	50000
PCB-1248	ND		150000000		ug/Kg		04/16/16 14:12	04/19/16 11:02	50000
PCB-1254	ND		150000000		ug/Kg		04/16/16 14:12	04/19/16 11:02	50000
PCB-1260	ND		150000000		ug/Kg		04/16/16 14:12	04/19/16 11:02	50000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	32 - 112	04/16/16 14:12	04/19/16 11:02	50000
DCB Decachlorobiphenyl	0	X D	2 - 122	04/16/16 14:12	04/19/16 11:02	50000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71486-1	RP4467-PCBB01	0 X D	0 X D
LCS 720-200636/2-A	Lab Control Sample	64	86
MB 720-200636/1-A	Method Blank	76	86

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200636/1-A
Matrix: Solid
Analysis Batch: 200650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1221	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1232	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1242	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1248	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1254	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1260	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	76		32 - 112	04/16/16 10:19	04/17/16 10:59	1
<i>DCB Decachlorobiphenyl</i>	86		2 - 122	04/16/16 10:19	04/17/16 10:59	1

Lab Sample ID: LCS 720-200636/2-A
Matrix: Solid
Analysis Batch: 200650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	133	103		ug/Kg		77	55 - 112
PCB-1260	133	110		ug/Kg		83	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
<i>Tetrachloro-m-xylene</i>	64		32 - 112
<i>DCB Decachlorobiphenyl</i>	86		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

GC Semi VOA

Prep Batch: 200636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71486-1	RP4467-PCBB01	Total/NA	Solid	3550B	
LCS 720-200636/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-200636/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200636/2-A	Lab Control Sample	Total/NA	Solid	8082	200636
MB 720-200636/1-A	Method Blank	Total/NA	Solid	8082	200636

Analysis Batch: 200727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71486-1	RP4467-PCBB01	Total/NA	Solid	8082	200636

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Client Sample ID: RP4467-PCBB01

Lab Sample ID: 720-71486-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200636	04/16/16 14:12	BSY	TAL PLS
Total/NA	Analysis	8082		50000	200727	04/19/16 11:02	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
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- 8
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- 10
- 11
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- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
-----------------	-------------	--------	---------

- 1
- 2
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- 5
- 6
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- 8
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- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4467

TestAmerica Job ID: 720-71486-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71486-1	RP4467-PCBB01	Solid	04/12/16 11:00	04/12/16 13:56

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-711 486

Chain of Custody Record

167879

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8860
888-296-0271 FAX
FORA
161091001

Project Manager: Chris Burns
Regulatory Program: DW NPDES RCRA Other
Site Contact: DW NPDES RCRA Other
Date: of COCs

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Sample Identification
Sample Date: 4/8/2016
Sample Time: 1100 G
Sample Type (C=Comp, G=Grab): Solid
Matrix: 1
Filtered Sample (Y/N): X
Perform MS / MSD (Y / N): 8082 (3550 B or C)



720-71486 Chain of Custody

Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y / N)	Carrier	Sampler	For Lab Use Only:
4/8/2016	1100 G	Solid	1	1	X	8082 (3550 B or C)			Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/> Job / SDG No.: <input type="checkbox"/>

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other: 1
Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & molli@vista-env.com
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
9.5°C

Custody Seals Intact: Yes No
Custody Seal No.:
Cooler Temp. (°C): Obs'd: _____
Therm ID No.: _____

Relinquished by: Vista
Date/Time: 04/12/16 0900
Received by: [Signature]
Company: VISTA
Date/Time: 04/12/16 1356

Relinquished by: [Signature]
Date/Time: 04/12/16 1356
Received in Laboratory by: [Signature]
Company: VISTA
Date/Time: 04/12/16 1356

Form No. CA-C-WI-002, Rev. 4.2, dated 04/02/2013

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71486-1

Login Number: 71486
List Number: 1
Creator: Arauz, Dennis

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
		Zn	40	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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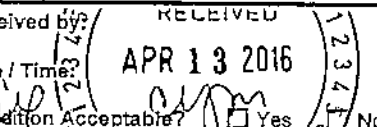
Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: 161091001 Date: 4/12/16
Contact: Chris Burns		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day
Phone #: (510) 346-8860		Due Date: _____ Due Time: _____
Fax #: (888) 296-0271		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000
Site: FORA		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac
Job: RP		<input type="checkbox"/> Special Project:

Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com *Hold for possible TELP/STCC*

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by:  Date / Time: <u>4/12/16 1430</u>	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by:  Date / Time: <u>APR 13 2016</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING RP4469



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4469

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, T, U)	Vinyl Floor Tile/Mastic	9" Gray, Beige, Tan and 12" White/Black	Throughout Except Basement Mechanical Room, Restrooms, Stairwell, Laundry Rooms (2nd & 3rd Floors), Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	34,750 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
Y	Glazing	Tan, Window	Windows	Class II	Category I - Non-Friable	4,750 SF (118 Windows)
DD	Glazing	White, Windows on Doors, Exterior	Exterior Doors with Windows	Class II	Category I - Non-Friable	126 SF (6 Doors)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II-Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II-Non-Friable	50 LF

BUILDING RP4469 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
II	Insulation	White, Tank	Basement Mechanical Room	Class I	Friable (RACM when Removed)	300 SF
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	Restrooms	Class II	Category I - Non-Friable	3,200 SF

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
410	1	Outside	South	Door Frame	Metal	Brown, Light	Deteriorated	4.5	mg/cm ²
415	1	1	East	Wall	Concrete	White	Intact	2.7	mg/cm ²
417	1	1	East	Column	Concrete	White	Intact	1.1	mg/cm ²
418	1	1	West	Wall	Concrete	White	Intact	1.7	mg/cm ²
427	1	1	South	Column	Concrete	White	Intact	2	mg/cm ²
428	1	1	South	Wall	Concrete	White	Intact	1.7	mg/cm ²
433	1	1	North	Wall	Concrete	White	Intact	2.5	mg/cm ²
441	1	1	South	Column	Concrete	White	Intact	1.3	mg/cm ²
442	1	1	South	Wall	Concrete	White	Intact	1.6	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING RP4469

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	439
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	233
Water Coolers/Fountains	Ozone Depleting Chemicals	2

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells.

BUILDING RP4469 HAZARDOUS MATERIALS SUMMARY

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4469-PCBB01	Ballast Capacitor Oil	PCB-1242	300,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a “PCB Bulk Product Waste” according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

**BUILDING RP4469
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	9" Beige/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Pinhole Texture	2
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/Gray, Large Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	1
J	Not Used	Not Used	Not Used
K	Acoustic Ceiling Panel	2'x4' White, Gouge Fiberglass	1
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White Concrete Masonry Unit Patching	1
P	Wallboard/Joint Compound	White/White	1
Q	Not Used	Not Used	Not Used
R	Not Used	Not Used	Not Used
S	Not Used	Not Used	Not Used
T	Vinyl Floor Tile/Mastic	12" White/Black, Patch	1
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

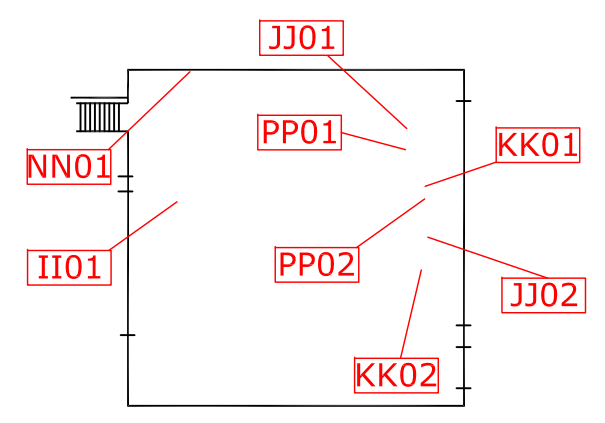
BUILDING RP4469

ASBESTOS SAMPLING INVENTORY




HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	White, Window	1
Z	Gasket	Red, Round Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	White, Windows on Doors, Exterior	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Electrical Box	1
HH	Cement Pipe	21" OD, Gray	1
II	Insulation	White, Tank	1
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

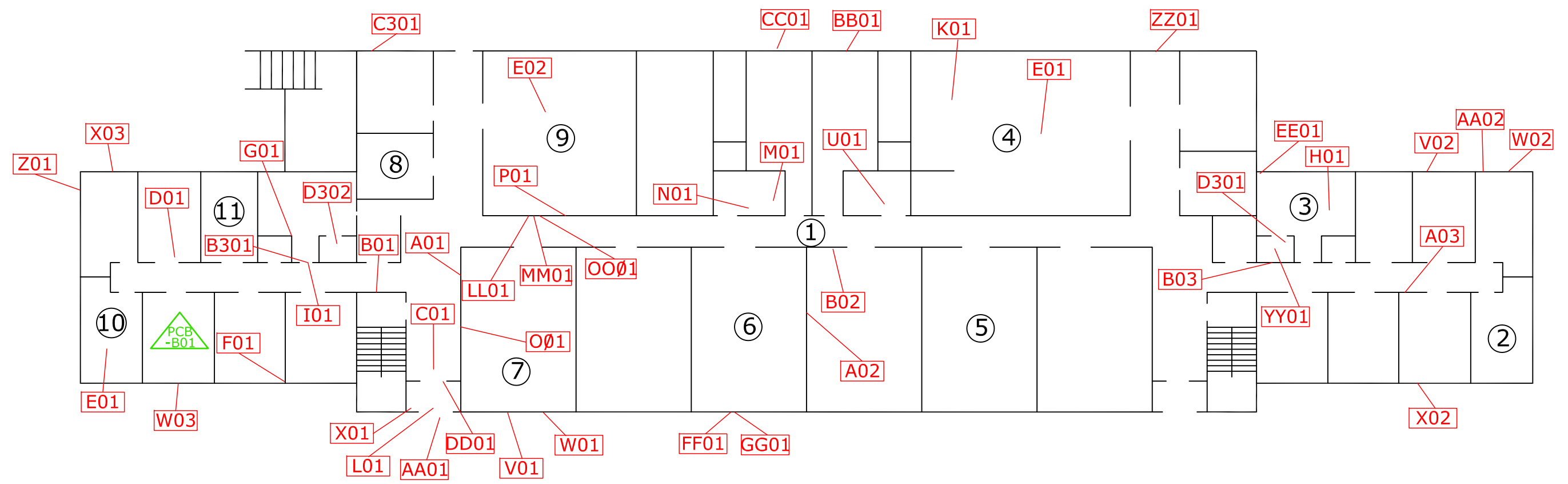
**BUILDING RP4469
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	2
UU	Not Used	Not Used	Not Used
VV	Sealant	White, Cement Exhaust	1
WW	Not Used	Not Used	Not Used
XX	Not Used	Not Used	Not Used
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Not Used	Not Used	Not Used
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Wallboard/Joint Compound	Gray/White, Showers	2



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

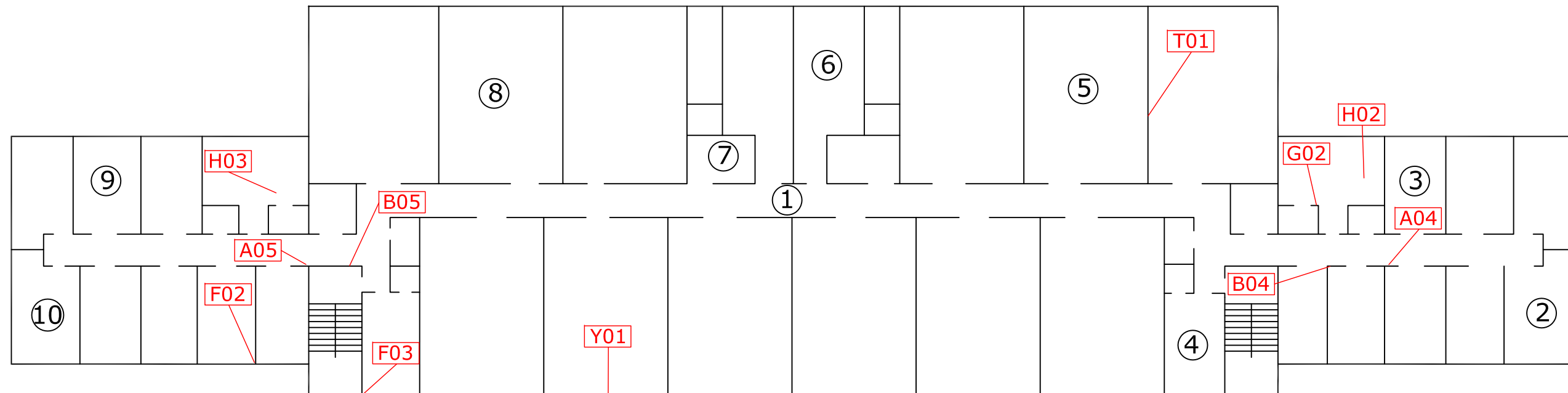
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 FORA SURPLUS II SITE
 SEASIDE, CALIFORNIA

SHEET TITLE
 BUILDING RP4469
 SAMPLE LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4469

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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PROJECT TITLE

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 SURPLUS II SITE
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

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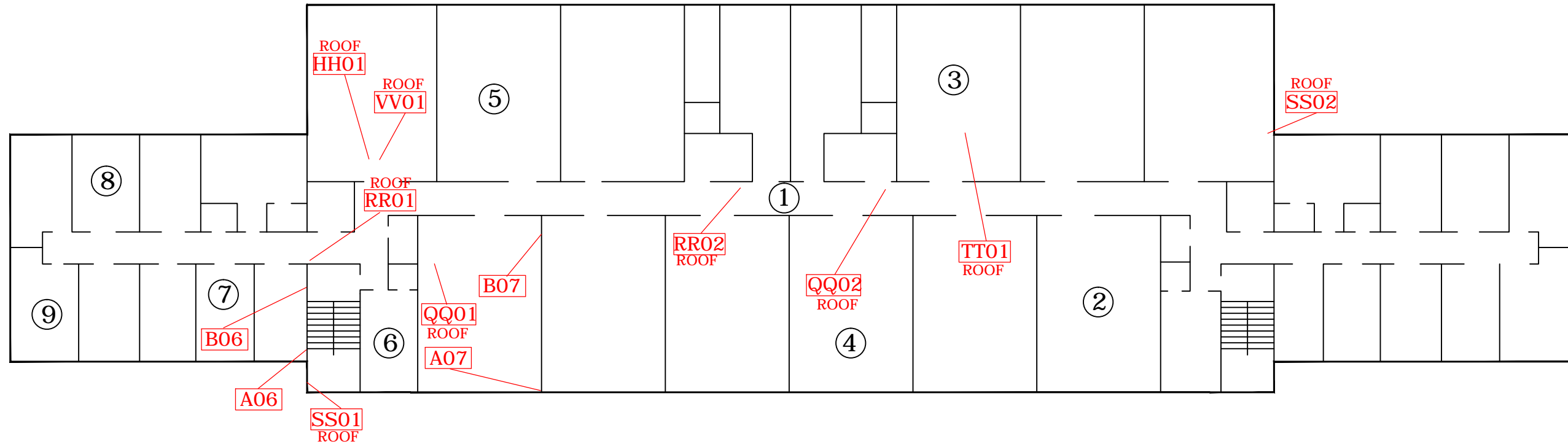
BUILDING RP4469
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4469

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS





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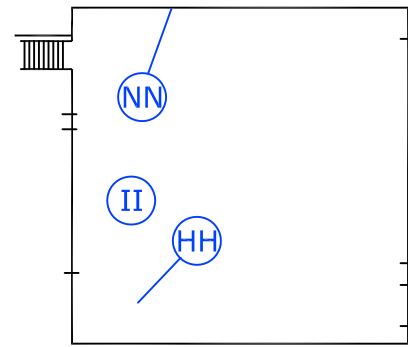
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 BUILDING RP4469
 SAMPLE LOCATIONS
 THIRD FLOOR

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 DRAWING No.

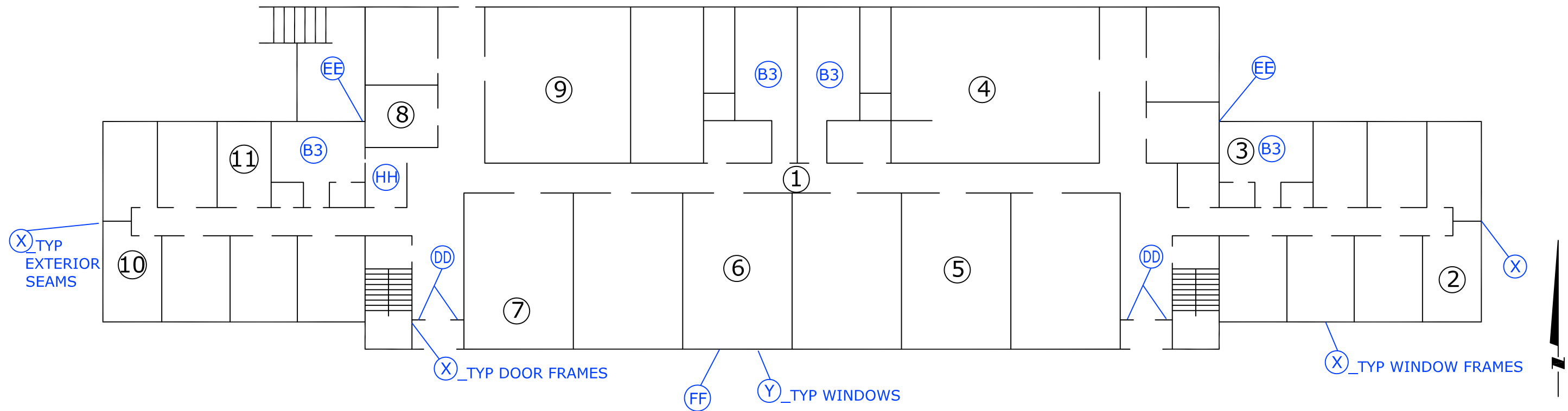
FIGURE
 RP4469

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, STAIRWELL, LAUNDRY ROOM, STORAGE ROOMS AND JANITOR'S CLOSETS.



MECHANICAL ROOM



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FORA
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 SEASIDE, CALIFORNIA



SHEET TITLE

BUILDING RP4469
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

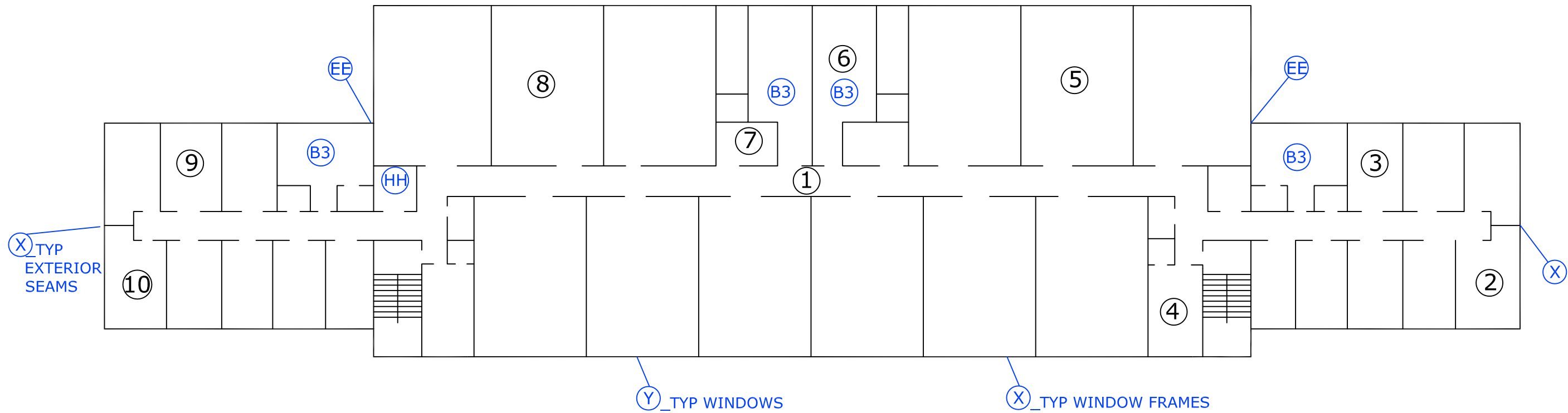
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 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4469

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

(VFT/M) THROUGHOUT RESTROOMS,
STAIRWELL, STORAGE ROOMS AND
JANITOR'S CLOSETS.



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SHEET TITLE

BUILDING RP4469
MATERIAL LOCATIONS
SECOND FLOOR

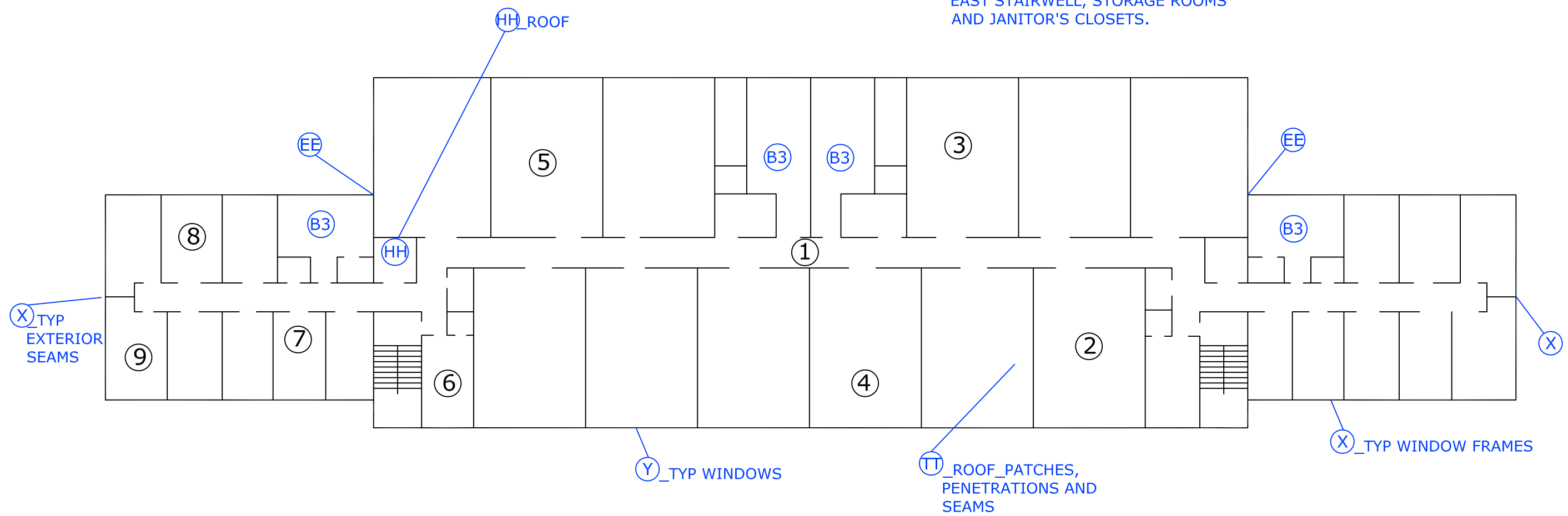
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CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4469

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS,
EAST STAIRWELL, STORAGE ROOMS
AND JANITOR'S CLOSETS.



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PROJECT TITLE

FORA
SURPLUS II SITE
SEASIDE, CALIFORNIA

SHEET TITLE

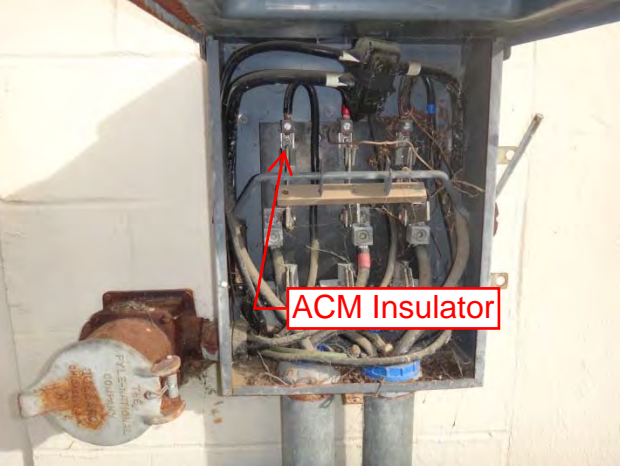
BUILDING RP4469
MATERIAL LOCATIONS
THIRD FLOOR

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DATE: 05/21/2016
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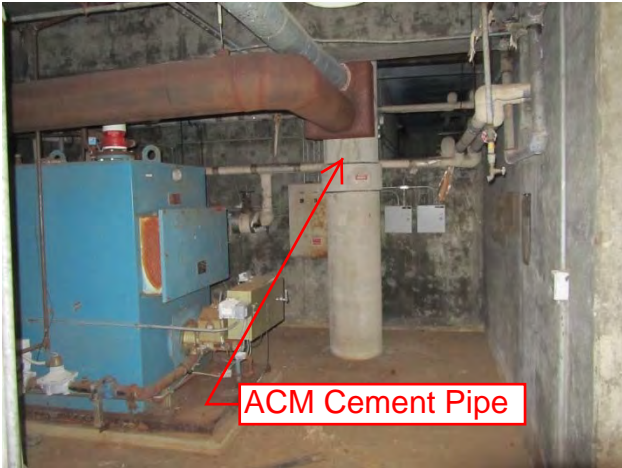
FIGURE

RP4469

BUILDING RP4469
PHOTO DOCUMENTATION



BUILDING RP4469
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217722
Date Received: 03/07/16
Date Analyzed: 03/10/16
Date Printed: 03/10/16
First Reported: 03/10/16

Job ID/Site: 161091001 - FORA, RP4469

FALI Job ID: L1161
Total Samples Submitted: 80
Total Samples Analyzed: 80

Date(s) Collected: 03/03/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-A-01	11738576						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-A-02	11738577						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-A-03	11738578						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-A-04	11738579						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-A-05	11738580						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-A-06	11738581						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217722

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-A-07	11738582						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-B-01	11738583						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-B-02	11738584						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-B-03	11738585						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-B-04	11738586						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-B-05	11738587						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-B-06	11738588						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-B-07	11738589						
Layer: Multi-Layer Paint			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B217722

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-C-01	11738590						
Layer: Tan Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
RP4469-D-01	11738591						
Layer: Brown Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
RP4469-E-01	11738592						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4469-E-02	11738593						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4469-F-01	11738594						
Layer: White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-F-02	11738595						
Layer: White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-F-03	11738596						
Layer: White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-G-01	11738597						
Layer: White Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217722

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-G-02	11738598						
Layer: White Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-H-01	11738599						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-H-02	11738600						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-H-03	11738601						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-I-01	11738602						
Layer: Brown Ceramic Tile			ND				
Layer: Grey Grout			ND				
Layer: Dark Grey Mortar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-K-01	11738603						
Layer: Yellow Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (99 %)							
RP4469-L-01	11738604						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-M-01	11738605						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (60 %)							

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Report Number: B217722

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-N-01	11738606						
Layer: White Tape			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-O-01	11738607						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-P-01	11738608						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)		Asbestos (ND)					
RP4469-T-01	11738609						
Layer: Off-White Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-U-01	11738610						
Layer: Tan Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (3%)					
RP4469-V-01	11738611						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-V-02	11738612						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4469-W-01	11738613						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

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Report Number: B217722

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-W-02	11738614						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-W-03	11738615						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-X-01	11738616						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-X-02	11738617						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-X-03	11738618						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4469-Y-01	11738619						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4469-Z-01	11738620						
Layer: Brown Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-AA-01	11738621						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-AA-02	11738622						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-BB-01	11738623						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-CC-01	11738624						
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-DD-01	11738625						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4469-EE-01	11738626						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4469-FF-01	11738627						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4469-GG-01	11738628						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4469-HH-01	11738629						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
RP4469-II-01	11738630						
Layer: Off-White Semi-Fibrous Material		Chrysotile	10 %				
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)	Fibrous Glass (35 %)						
RP4469-JJ-01	11738631						
Layer: Black Tar			ND				
Layer: White Semi-Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)	Fibrous Glass (10 %)						

Client Name: Vista Environmental Consultants

Report Number: B217722

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-JJ-02	11738632						
Layer: Black Tar			ND				
Layer: White Semi-Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (40 %)	Fibrous Glass (10 %)						
RP4469-KK-01	11738633						
Layer: Grey Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (60 %)						
RP4469-KK-02	11738634						
Layer: Grey Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (60 %)						
RP4469-LL-01	11738635						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-MM-01	11738636						
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4469-NN-01	11738637						
Layer: Black Semi-Fibrous Material		Chrysotile	7 %				
Total Composite Values of Fibrous Components:		Asbestos (7%)					
Cellulose (Trace)							
RP4469-OO-01	11738638						
Layer: Black Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4469-PP-01	11738639						
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4469-PP-02	11738640						
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-QQ-01	11738641						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4469-QQ-02	11738642						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4469-RR-01	11738643						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4469-RR-02	11738644						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

Report Number: B217722

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-SS-01	11738645						
Layer: Green Foam			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							
RP4469-SS-02	11738646						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							
RP4469-TT-01	11738647						
Layer: Grey Mastic		Chrysotile	10 %				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (6%)					
Cellulose (Trace)							
RP4469-TT-02	11738648						
Layer: Grey Mastic		Chrysotile	10 %				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (6%)					
Cellulose (Trace)							
RP4469-VV-01	11738649						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4469-YY-01	11738650						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (25 %)							
RP4469-ZZ-01	11738651						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4469-B3-01	11738652						
Layer: Black Semi-Fibrous Tar		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
RP4469-C3-01	11738653						
Layer: Black Semi-Fibrous Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Fibrous Glass (5 %)							

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Report Number: B217722

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4469-D3-01	11738654						
Layer: Off-White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						
RP4469-D3-02	11738655						
Layer: Off-White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (10 %)						



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	A	01	PAINT/SKIM COAT	WHITE/WHITE CONCRETE		
RP4469	A	02				
RP4469	A	03				
RP4469	A	04				
RP4469	A	05				
RP4469	A	06				
RP4469	A	07				
RP4469	B	01	PAINT/SKIM COAT	WHITE/GRAY ON CMU		
RP4469	B	02				
RP4469	B	03				

ANALYTICAL METHOD: PLM ~~400PTCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- [Signature]
TRANSFER SIGNATURE
- [Signature]
TRANSFER SIGNATURE
- [Signature]
TRANSFER SIGNATURE

LUIS J. BOCHA
PRINTED NAME

03/03/16
DATE/TIME



12:30pm
DATE/TIME

DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	B	04				
RP4469	B	05				
RP4469	B	06				
RP4469	B	07				
RP4469	C	01	VFT/MAS	9" GRAY/BLACK		
RP4469	D	01	VFT/MAS	9" BASE/BLACK		
RP4469	E	01	ACP	2 1/2" x 4" WHITE, PINHOLE TEXTURE		
RP4469	E	02				
RP4469	F	01	PAINT/SULCO	WHITE/GRAY, PIPE CHASE		
RP4469	F	02				

ANALYTICAL METHOD: PLM ~~4000/PCOUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

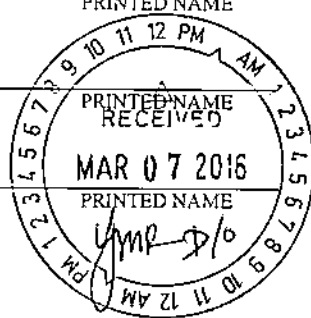
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LOUIS V. ROCHA 03/03/16
PRINTED NAME DATE/TIME

2. _____
TRANSFER SIGNATURE



12:30pm
DATE/TIME

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TRANSFER SIGNATURE

DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	F	03	↓	↓		
RP4469	G	01	MORTAR/GROUT	WHITE/GRAY, WALLS		
RP4469	G	02	↓	↓		
RP4469	H	01	PAINT/PLASTER	WHITE/GRAY, CEILING S		
RP4469	H	02	↓	↓		
RP4469	H	03	↓	↓		
RP4469	I	01	MORTAR/GROUT	GRAY & BLACK/GRAY, FLOOR		
RP4469	K	01	ACP	2'x4' WHITE, GOUGE FIBERGLASS		
RP4469	L	01	MORTAR/GROUT	GRAY/GRAY, FLOOR		
RP4469	M	01	FLEX JOINT	WHITE, ROUND DUCT		

ANALYTICAL METHOD: PLM 400 P/COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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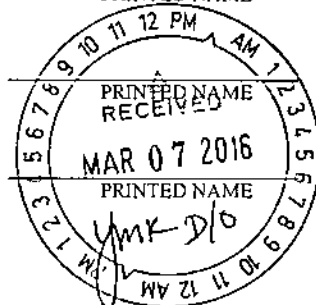
CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME

03/03/16
DATE/TIME

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TRANSFER SIGNATURE



12:30pm
DATE/TIME

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TRANSFER SIGNATURE

DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	N	01	TAPE	WHITE, DUCT		
RP4469	O	01	JOINT COMPOUND	WHITE, ON CMU PATCHING		
RP4469	O	02	↓	↓		
RP4469	P	01	W/B/JO	WHITE/WHITE		
RP4469	T	01	VFT/MAS	12" WHITE/BLACK		
RP4469	U	01	VFT/MAS	9" TAN/BLACK		
RP4469	V	01	PAINT/CMU/MORTAR	WHITE/GRAY/GRAY		
RP4469	V	02	↓	↓		
RP4469	W	01	PAINT/SUCCO	WHITE/GRAY, EXTERIOR		
RP4469	W	02				

ANALYTICAL METHOD: PLM, ~~400 FT COBENT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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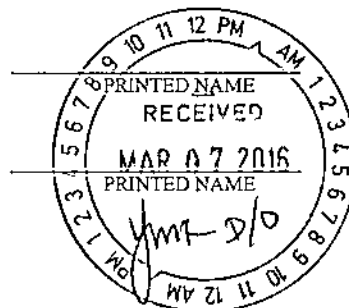
CHAIN OF CUSTODY:

1. [Signature]
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LOUIS J. ROCHA
PRINTED NAME

03/03/16
DATE/TIME

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	W	03	↓	↓		
RP4469	X	01	SEALANT	GRAY, EXTERIOR DF, W/F & SEAMS		
RP4469	X	02	↓	↓		
RP4469	X	03	↓	↓		
RP4469	Y	01	GLAZING	WHITE, WINDOW		
RP4469	Z	01	GASKET	RED, EXTERIOR		
RP4469	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4469	AA	02	↓	↓		
RP4469	BB	01	SEALANT	GRAY, "GOOLY LOUVER		
RP4469	CC	01	SEALANT	GRAY, VENT		

ANALYTICAL METHOD: PLM ~~400 PFC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- Luis J. Rocha
TRANSFER SIGNATURE
- _____
TRANSFER SIGNATURE
- _____
TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME

MAR 07 2016
PRINTED NAME

YMR D/O
PRINTED NAME

- 03/03/16
DATE/TIME
- 12:30pm
DATE/TIME
- _____
DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	DD	01	GLAZING	WHITE, WINDOWS ON DOORS		
RP4469	EE	01	SEALANT	GRAY, EXPANSION JOINT		
RP4469	FF	01	INSULATOR	BLACK, ELECT BOX		
RP4469	GG	01	INSULATOR	BROWN, ELECT. BOX		
RP4469	HH	01	CEMENT PIPE	GRAY, 36" OD		
RP4469	II	01	INSULATION	WHITE, TANK		
RP4469	JJ	01	JACKETING/PINS	WHITE/BLACK, PIPES		
RP4469	JJ	02	↓	↓		
RP4469	KK	01	JACKETING	WHITE, VALVES		
RP4469	KK	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

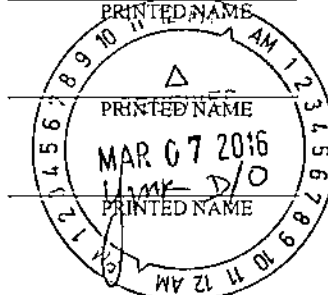
CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS J ROCHA
PRINTED NAME

03/03/16
DATE/TIME

2. _____
TRANSFER SIGNATURE



12:30pm
DATE/TIME

3. _____
TRANSFER SIGNATURE

DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	LL	01	INSULATOR	GRAY, ELEC BOX		
RP4469	MM	01	INSULATOR PAPER	BEIGE, ELEC BOX		
RP4469	NN	01	INSULATOR	BLACK, ELEC BOX		
RP4469	OO	01	INSULATOR PAPER	GRAY, ELEC BOX		
RP4469	PP	01	JACKETING	WHITE, ELBOWS		
RP4469	PP	02	↓	↓		
RP4469	QQ	01	ROOF FIELD	BLACK, T & G		
RP4469	QQ	02	↓	↓		
RP4469	RR	01	PARAPET/BASE	GRAY/BLACK, BUILTUP		
RP4469	RR	02	↓	↓		

ANALYTICAL METHOD: PLM ~~40C/PLM~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

LUIS V. ROCHA
PRINTED NAME

03/03/16
DATE/TIME

2. _____
TRANSFER SIGNATURE

PRINTED NAME RECEIVED
MAR 07 2016

12:30pm
DATE/TIME

3. _____
TRANSFER SIGNATURE

PRINTED NAME
[Signature]

DATE/TIME



VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4469

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4469	SS	01	FLASHING	BLACK, T&G		
RP4469	SS	02	↓	↓		
RP4469	TT	01	MASTIC	GRAY & BLACK, ROOF		
RP4469	TT	02	↓	↓		
RP4469	VV	01	SEALANT	WHITE, CEILING EXHAUST		
RP4469	YY	01	GASKET	BLACK, SHOWER LIGHTS		
RP4469	ZZ	01	INSULATION	BROWN, FIRE DOOR		
RP4469	B3	01	VAPOR BARRIER	BLACK, UNDER CERAMIC FLOOR		
RP4469	C3	01	VAPOR BARRIER	BLACK, CONCRETE FOUNDATION		
RP4469	D3	01	WB/JO	GRAY/WHITE, RR		

ANALYTICAL METHOD: PLM ~~400PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

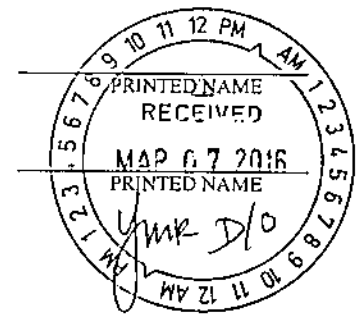
SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

- [Signature]
TRANSFER SIGNATURE
- _____
TRANSFER SIGNATURE
- _____
TRANSFER SIGNATURE

LUIS D. ROCHA
PRINTED NAME

03/03/16
DATE/TIME



12:30pm
DATE/TIME

DATE/TIME

**FORA
RP4469
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
249					SHUTTER_CAL					3.17	cps
250					CALIBRATE				Positive	1	mg/cm ²
251					CALIBRATE				Positive	1	mg/cm ²
252					CALIBRATE				Positive	1	mg/cm ²
396	RP 4469	1	OUTSIDE	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
397	RP 4469	1	OUTSIDE	NORTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
398	RP 4469	1	OUTSIDE		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
399	RP 4469	1	OUTSIDE	NORTH	DOOR	METAL	BROWN	DETERIORATED	Negative	0	mg/cm ²
400	RP 4469	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.16	mg/cm ²
401	RP 4469	1	OUTSIDE	NORTH	HAND RAIL	METAL	BROWN	DETERIORATED	Negative	0.19	mg/cm ²
402	RP 4469	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
403	RP 4469	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0	mg/cm ²
404	RP 4469	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
405	RP 4469	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
406	RP 4469	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
407	RP 4469	1	OUTSIDE	SOUTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.01	mg/cm ²
408	RP 4469	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
409	RP 4469	1	OUTSIDE	SOUTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.07	mg/cm ²
410	RP 4469	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BROWN, LIGHT	DETERIORATED	Positive	4.5	mg/cm ²
411	RP 4469	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
412	RP 4469	1	OUTSIDE	SOUTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.3	mg/cm ²
413	RP 4469	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
414	RP 4469	1	OUTSIDE	NORTH	DUCT	METAL	BEIGE	DETERIORATED	Negative	0.02	mg/cm ²
415	RP 4469	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Positive	2.7	mg/cm ²
416	RP 4469	1	1	EAST	COLUMN	PLASTER	WHITE	INTACT	Negative	0.9	mg/cm ²

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**FORA
RP4469
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
417	RP 4469	1	1	EAST	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.1	mg/cm ²
418	RP 4469	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Positive	1.7	mg/cm ²
419	RP 4469	1	1	WEST	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.09	mg/cm ²
420	RP 4469	1	1	WEST	DOOR	METAL	BLACK	INTACT	Negative	0	mg/cm ²
421	RP 4469	1	1	WEST	BASEBOARD	CERAMIC	BLACK	INTACT	Negative	0.2	mg/cm ²
422	RP 4469	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
423	RP 4469	1	1		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
424	RP 4469	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
425	RP 4469	1	1	EAST	RADIATOR	METAL	BLACK	INTACT	Negative	0.2	mg/cm ²
426	RP 4469	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
427	RP 4469	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	2	mg/cm ²
428	RP 4469	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.7	mg/cm ²
429	RP 4469	1	1	SOUTH	EXPANSION JOINT	METAL	WHITE	INTACT	Negative	0.03	mg/cm ²
430	RP 4469	1	1	SOUTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.08	mg/cm ²
431	RP 4469	1	1	SOUTH	DOOR	WOOD	BLACK	INTACT	Negative	0.1	mg/cm ²
432	RP 4469	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
433	RP 4469	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Positive	2.5	mg/cm ²
434	RP 4469	1	1	NORTH	WALL PANEL	METAL	BLACK	INTACT	Negative	0.1	mg/cm ²
435	RP 4469	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
436	RP 4469	1	1	SOUTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.13	mg/cm ²
437	RP 4469	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
438	RP 4469	1	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
439	RP 4469	1	1	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.6	mg/cm ²
440	RP 4469	1	1	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.9	mg/cm ²
441	RP 4469	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Positive	1.3	mg/cm ²

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**FORA
RP4469
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
442	RP 4469	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Positive	1.6	mg/cm ²
443	RP 4469	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.08	mg/cm ²
444	RP 4469	1	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
445	RP 4469	1	1	NORTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.15	mg/cm ²
446	RP 4469	1	1	NORTH	DOOR	WOOD	BLACK	INTACT	Negative	0.06	mg/cm ²
447	RP 4469	1	2	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
448	RP 4469	1	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
449	RP 4469	1	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
450	RP 4469	1	2	NORTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.01	mg/cm ²
451	RP 4469	1	2	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.22	mg/cm ²
452	RP 4469	1	2	NORTH	CABINET	WOOD	WHITE	INTACT	Negative	0.09	mg/cm ²
453	RP 4469	1	2	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
454	RP 4469	1	2	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
455	RP 4469	1	2	SOUTH	RADIATOR	METAL	WHITE	INTACT	Negative	0.08	mg/cm ²
456	RP 4469	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
457	RP 4469	1	3	NORTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
458	RP 4469	1	3		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
459	RP 4469	1	3		CEILING	PLASTER	WHITE	INTACT	Negative	0.05	mg/cm ²
460	RP 4469	1	3		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0	mg/cm ²
461	RP 4469	1	3	EAST	STALL	METAL	BLACK	INTACT	Negative	0.03	mg/cm ²
462	RP 4469	1	3	SOUTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.06	mg/cm ²
463	RP 4469	1	3	SOUTH	DOOR	WOOD	BLACK	INTACT	Negative	0.04	mg/cm ²
464	RP 4469	1	4	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
465	RP 4469	1	4	EAST	WALL	CONCRETE	BLUE, LIGHT	INTACT	Negative	0.01	mg/cm ²
466	RP 4469	1	4	EAST	WAINSCOT	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²

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**FORA
RP4469
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
467	RP 4469	1	4	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.1	mg/cm ²
468	RP 4469	1	4	EAST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.1	mg/cm ²
469	RP 4469	1	4	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
470	RP 4469	1	4	SOUTH	HVAC	METAL	WHITE	INTACT	Negative	0.07	mg/cm ²
471	RP 4469	1	5	WEST	CABINET	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
472	RP 4469	1	5	NORTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.04	mg/cm ²
473	RP 4469	1	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
474	RP 4469	1	5	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
475	RP 4469	1	5	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
476	RP 4469	1	5	NORTH	WALL	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
477	RP 4469	1	5	NORTH	TRIM	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
478	RP 4469	1	6	WEST	WALL	CONCRETE	YELLOW	INTACT	Negative	0	mg/cm ²
479	RP 4469	1	7	NORTH	WALL	CONCRETE	YELLOW	INTACT	Negative	0	mg/cm ²
480	RP 4469	1	7	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
481	RP 4469	1	8	NORTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.01	mg/cm ²
482	RP 4469	1	8	NORTH	WALL	CONCRETE	RED	INTACT	Negative	0	mg/cm ²
483	RP 4469	1	9	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
484	RP 4469	1	9	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
485	RP 4469	1	10	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
486	RP 4469	1	11	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
487	RP 4469	1	11	NORTH	COLUMN	PLASTER	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
488	RP 4469	1	STAIRWELL W	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
489	RP 4469	1	STAIRWELL W		STAIRS	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
490	RP 4469	1	STAIRWELL W		STAIRS	CONCRETE	GRAY	INTACT	Negative	0	mg/cm ²
492	RP 4469	1	STAIRWELL W		CEILING	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²

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**FORA
RP4469
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
493	RP 4469	1	STAIRWELL W		HAND RAIL	METAL	BLACK	INTACT	Negative	0.26	mg/cm ²
494	RP 4469	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
495	RP 4469	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
496	RP 4469	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
497	RP 4469	2	1	NORTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.14	mg/cm ²
498	RP 4469	2	1	NORTH	DOOR	WOOD	BLACK	INTACT	Negative	0.07	mg/cm ²
499	RP 4469	2	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.11	mg/cm ²
500	RP 4469	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
501	RP 4469	2	1	NORTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.02	mg/cm ²
502	RP 4469	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
503	RP 4469	2	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
504	RP 4469	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
505	RP 4469	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
506	RP 4469	2	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.04	mg/cm ²
507	RP 4469	2	1	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.09	mg/cm ²
508	RP 4469	2	2	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
509	RP 4469	2	2	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
510	RP 4469	2	2	NORTH	DOOR FRAME	PLASTER	BLACK	DETERIORATED	Negative	0.09	mg/cm ²
511	RP 4469	2	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
512	RP 4469	2	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
513	RP 4469	2	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
514	RP 4469	2	6		STALL	METAL	YELLOW	INTACT	Negative	0.6	mg/cm ²
515	RP 4469	2	7	NORTH	WALL	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
516	RP 4469	2	7	WEST	SHELF	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
517	RP 4469	2	8	WEST	WALL	CONCRETE	PEACH	INTACT	Negative	0	mg/cm ²

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**FORA
RP4469
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
518	RP 4469	2	9	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
519	RP 4469	2	10	WEST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.03	mg/cm ²
520	RP 4469	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
521	RP 4469	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
522	RP 4469	3	1	NORTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
523	RP 4469	3	1	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
524	RP 4469	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
525	RP 4469	3	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
526	RP 4469	3	2	NORTH	DOOR FRAME	METAL	BLACK	INTACT	Negative	0.7	mg/cm ²
527	RP 4469	3	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
528	RP 4469	3	4	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
529	RP 4469	3	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
530	RP 4469	3	6	WEST	WALL	CONCRETE	GREEN, LIGHT	INTACT	Negative	0.05	mg/cm ²
531	RP 4469	3	7	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
532	RP 4469	3	8	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
533	RP 4469	3	9	WEST	WALL	CONCRETE	BLUE, LIGHT	DETERIORATED	Negative	0	mg/cm ²
668					CALIBRATE				Positive	1.1	mg/cm ²
669					CALIBRATE				Positive	1	mg/cm ²
670					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

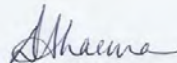
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71485-1
Client Project/Site: Building RP4469

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/19/2016 3:39:33 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Job ID: 720-71485-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71485-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:55 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following sample required a dilution due to the nature of the sample matrix: RP4469-PCBB01 (720-71485-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3550B: Sample initial amount was reduced to due to very high probability that these samples contain very high levels of PCBs.

RP4469-PCBB01 (720-71485-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Client Sample ID: RP4469-PCBB01

Lab Sample ID: 720-71485-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	300000000		57000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Client Sample ID: RP4469-PCBB01

Lab Sample ID: 720-71485-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:55

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		57000000		ug/Kg		04/16/16 10:19	04/18/16 20:11	20000
PCB-1221	ND		57000000		ug/Kg		04/16/16 10:19	04/18/16 20:11	20000
PCB-1232	ND		57000000		ug/Kg		04/16/16 10:19	04/18/16 20:11	20000
PCB-1242	300000000		57000000		ug/Kg		04/16/16 10:19	04/18/16 20:11	20000
PCB-1248	ND		57000000		ug/Kg		04/16/16 10:19	04/18/16 20:11	20000
PCB-1254	ND		57000000		ug/Kg		04/16/16 10:19	04/18/16 20:11	20000
PCB-1260	ND		57000000		ug/Kg		04/16/16 10:19	04/18/16 20:11	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112	04/16/16 10:19	04/18/16 20:11	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122	04/16/16 10:19	04/18/16 20:11	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71485-1	RP4469-PCBB01	0 X D	0 X D
LCS 720-200636/2-A	Lab Control Sample	64	86
MB 720-200636/1-A	Method Blank	76	86

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-200636/1-A

Matrix: Solid

Analysis Batch: 200650

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1221	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1232	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1242	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1248	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1254	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1
PCB-1260	ND		50		ug/Kg		04/16/16 10:19	04/17/16 10:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		32 - 112	04/16/16 10:19	04/17/16 10:59	1
DCB Decachlorobiphenyl	86		2 - 122	04/16/16 10:19	04/17/16 10:59	1

Lab Sample ID: LCS 720-200636/2-A

Matrix: Solid

Analysis Batch: 200650

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	103		ug/Kg		77	55 - 112
PCB-1260	133	110		ug/Kg		83	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	64		32 - 112
DCB Decachlorobiphenyl	86		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

GC Semi VOA

Prep Batch: 200636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71485-1	RP4469-PCBB01	Total/NA	Solid	3550B	
LCS 720-200636/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-200636/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 200650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-200636/2-A	Lab Control Sample	Total/NA	Solid	8082	200636
MB 720-200636/1-A	Method Blank	Total/NA	Solid	8082	200636

Analysis Batch: 200669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71485-1	RP4469-PCBB01	Total/NA	Solid	8082	200636

Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Client Sample ID: RP4469-PCBB01

Lab Sample ID: 720-71485-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			200636	04/16/16 10:19	BSY	TAL PLS
Total/NA	Analysis	8082		20000	200669	04/18/16 20:11	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 3
- 4
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- 8
- 9
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- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 3
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- 6
- 7
- 8
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- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4469

TestAmerica Job ID: 720-71485-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71485-1	RP4469-PCBB01	Solid	04/12/16 11:00	04/12/16 13:55

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TestAmerica Pleasanton
1220 Quarry Lane

Chain of Custody Record
720-71485

167878

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other

TestAmerica Laboratories, Inc.

Client Contact
Vista Environmental Consulting
2984 Teagarden Street
San Leandro, CA 94577
510-346-8860
888-296-0271
FAX
FORA
PP4469
161091001

Project Manager: Chris Burns
Tel/Fax:

Site Contact:
Lab Contact:

Date:

COC No: _____ of _____ COCs

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Type (O=Comp, G=Grab)	Matrix	# of Cont
PP4469 -PCBB01	4/20/16	1100 G		Solid	1

Filtered Sample (Y/N)
Perform MS/MSD (Y/N)
8082 (3650 B or C)

Sampler: _____
For Lab Use Only:
Walk-In Client: _____
Lab Sampling: _____
Job / SDG No.: _____
Sample Specific Notes:

720-71485 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other 1
Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-Hazard Flammable Skin Irritant Poison B Unknown
 Return to Client Disposal by Lab Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
9.5°C

Custody Seals Intact: Yes No
Retrieved by: [Signature] Vista
Relinquished by: [Signature] Vista
Relinquished by: [Signature] Vista
Relinquished by: [Signature] Vista
Company: VISTA
Date/Time: 4/12/16 1355
Received by: [Signature]
Received in Laboratory by: [Signature]
Company: VISTA
Date/Time: 4/12/16 0900
Company: VISTA
Date/Time: 4/12/16 1355

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71485-1

Login Number: 71485

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
		Zn	40	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.



Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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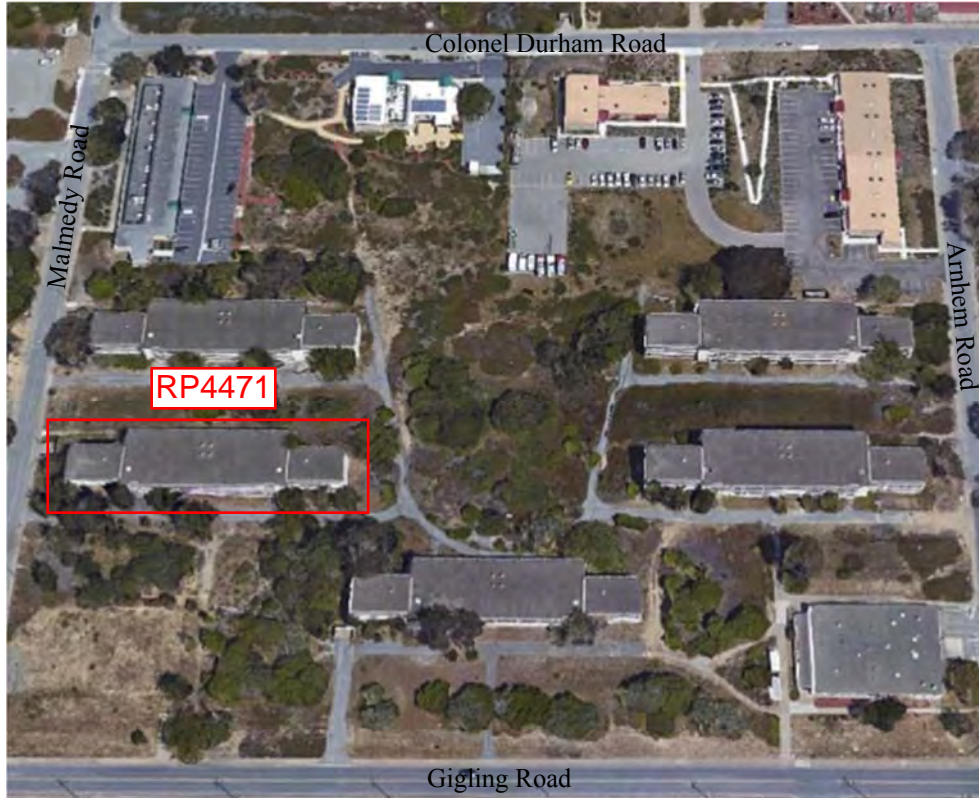
Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: 161091001 Date: 4/12/16
Contact: Chris Burns Phone #: (510) 346-8860 Fax #: (888) 296-0271		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day
Site: FORA Job: RP		Due Date: _____ Due Time: _____ <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt % <input type="checkbox"/> TEM Microvac <input type="checkbox"/> Special Project:
		<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>

Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400		Shipped via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished by: Date / Time: 4/12/16 1430	Relinquished by: Date / Time:	Relinquished by: Date / Time:	Relinquished by: Date / Time:
Received by: Date / Time: APR 13 2016 Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: Date / Time: Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING RP4471



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4471

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D, J, U)	Vinyl Floor Tile/Mastic	9" Gray, Off-White, Tan and 12" Beige/Black	Throughout Except Basement Mechanical Room, Restrooms, Stairwell, Laundry Rooms, Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	33,750 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
Y	Glazing	Tan, Window	Windows	Class II	Category I - Non-Friable	4,750 SF (118 Windows)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II-Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II-Non-Friable	50 LF
II	Insulation	White, Tank	Basement Mechanical Room	Class I	Friable (RACM when Removed)	300 SF
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF

BUILDING RP4471

HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
201	1	Outside	North	Pipe	Metal	Beige	Deteriorated	7.7	mg/cm ²
217	1	1	West	Wall	Concrete	Beige	Deteriorated	2.2	mg/cm ²
224	1	1	East	Column	Concrete	Beige	Deteriorated	1.8	mg/cm ²
228	1	1	South	Column	Concrete	Beige	Deteriorated	2.5	mg/cm ²
280	1	Stairwell E	West	Hand Rail	Metal	Brown	Deteriorated	10.6	mg/cm ²
283	1	Stairwell E		Floor	Concrete	Yellow	Intact	5.5	mg/cm ²
303	2	2	South	Door Frame	Metal	Brown	Intact	1.3	mg/cm ²
335	3	1	North	Door Frame	Metal	Brown	Intact	3.1	mg/cm ²
342	3	2	South	Door Frame	Metal	White	Intact	1.4	mg/cm ²
346	Roof	Outside		Pipe	Metal	Gray	Intact	79.5	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1.

BUILDING RP4471

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING RP4471

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	418
Other Non-incandescent Lamps	Universal Waste	4
Batteries: Exit Signs	Universal Waste	9
Light Fixture Ballasts	Polychlorinated Biphenyls	235
Water Coolers/Fountains	Ozone Depleting Chemicals	3
Smoke Detectors	Low-Level Radiation	6

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4471-PCBB01	Ballast Capacitor Oil	PCB-1242	410,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4471

ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	12" Off-White/Black	2
E	Acoustic Ceiling Panel	2'x4' White, Pinhole Texture	1
F	Paint/Plaster	White/Gray	3
G	Mortar/Grout	White/Gray, Large Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1" Ceramic Floor	2
J	Vinyl Floor Tile/Mastic	12" Beige/Black Pattern	1
K	Not Used	Not Used	Not Used
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor Tile	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Wallboard/Joint Compound	White/White, Room	1
Q	Not Used	Not Used	Not Used
R	Acoustic Ceiling Panel	2'x4' White, Gouge	1
S	Not Used	Not Used	Not Used
T	Not Used	Not Used	Not Used
U	Vinyl Floor Tile/Mastic	9" Tan/Black, Patch	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

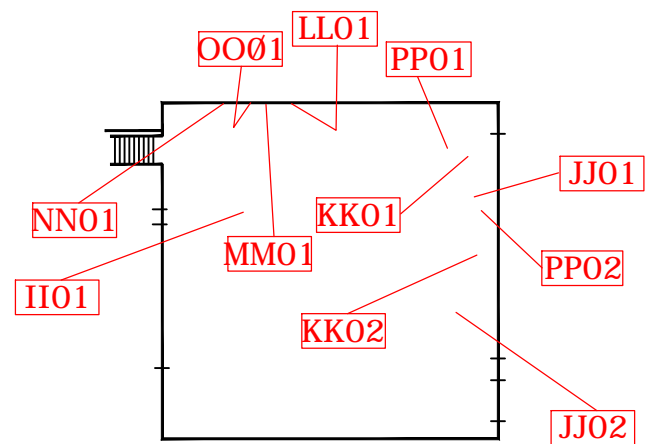
BUILDING RP4471

ASBESTOS SAMPLING INVENTORY




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W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	2
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	Gray, Windows on Doors, Exterior	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Not Used	Not Used	Not Used
HH	Cement Pipe	21" OD, Gray	1
II	Insulation	White, Tank	1
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built-Up	2

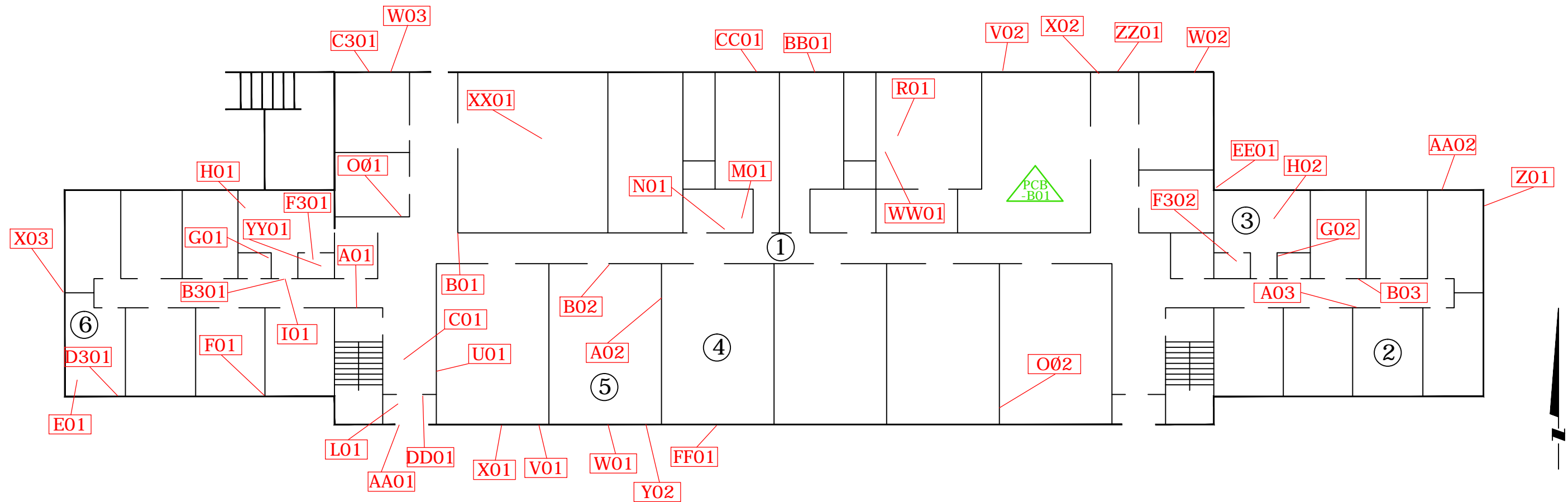
BUILDING RP4471 ASBESTOS SAMPLING INVENTORY

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	2
UU	Not Used	Not Used	Not Used
VV	Not Used	Not Used	Not Used
WW	Acoustic Ceiling Panel	2'x4' White, Random Pinhole	1
XX	Acoustic Ceiling Panel	2'x4' White, Solid	1
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Not Used	Not Used	Not Used
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Concrete Foundation	1
D3	Mastic	Yellow, Wood Paneling	1
E3	Glazing	White, Windows on Doors	1
F3	Wallboard/Joint Compound	Gray/White, Showers	2



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






VISTA ENVIRONMENTAL CONSULTING
 www.vista-env.com
 2984 TEAGARDEN STREET
 SAN LEANDRO, CA 94577
 510-346-8860

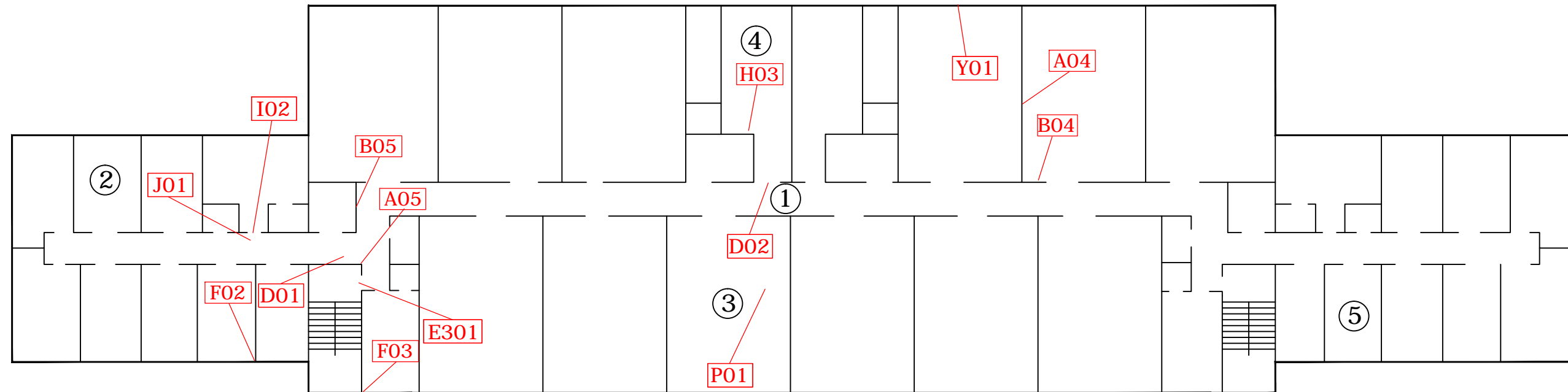
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 SEASIDE, CALIFORNIA

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 FIRST FLOOR AND MECHANICAL ROOM

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 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4471

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS






 VISTA ENVIRONMENTAL CONSULTING
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 SAN LEANDRO, CA 94577
 510-346-8860

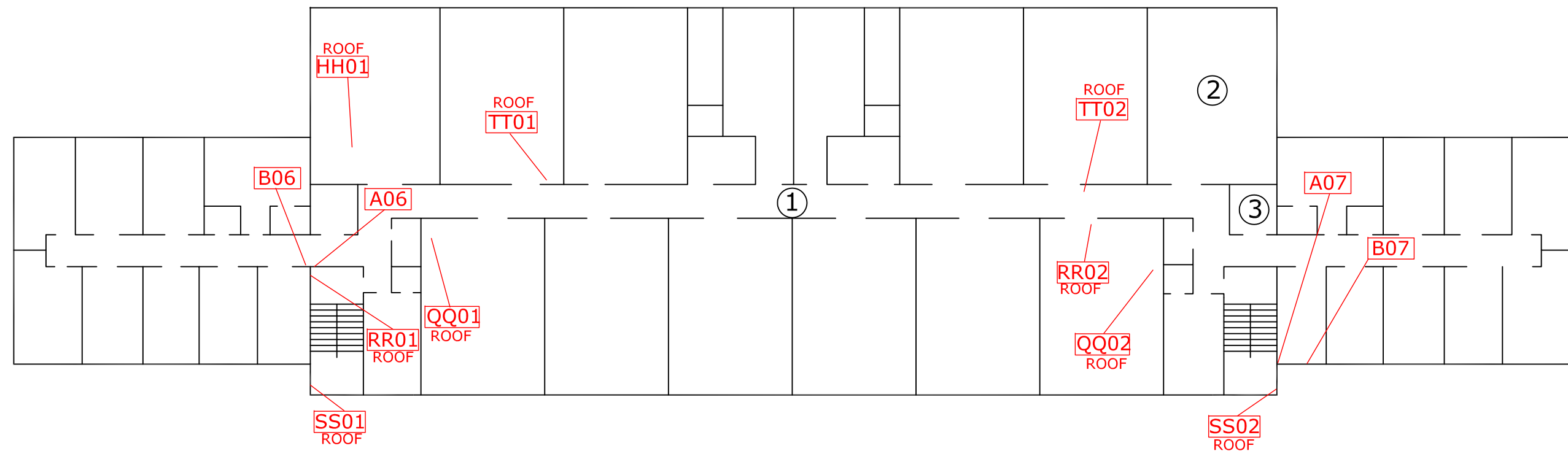
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 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE
 RP4471

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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 510-346-8860

PROJECT TITLE

FORA
 SURPLUS II SITE
 SEASIDE, CALIFORNIA



SHEET TITLE

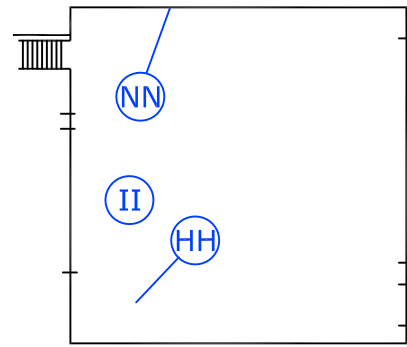
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 SAMPLE LOCATIONS
 THIRD FLOOR

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 DATE: 05/21/2016
 DRAWING No.

FIGURE

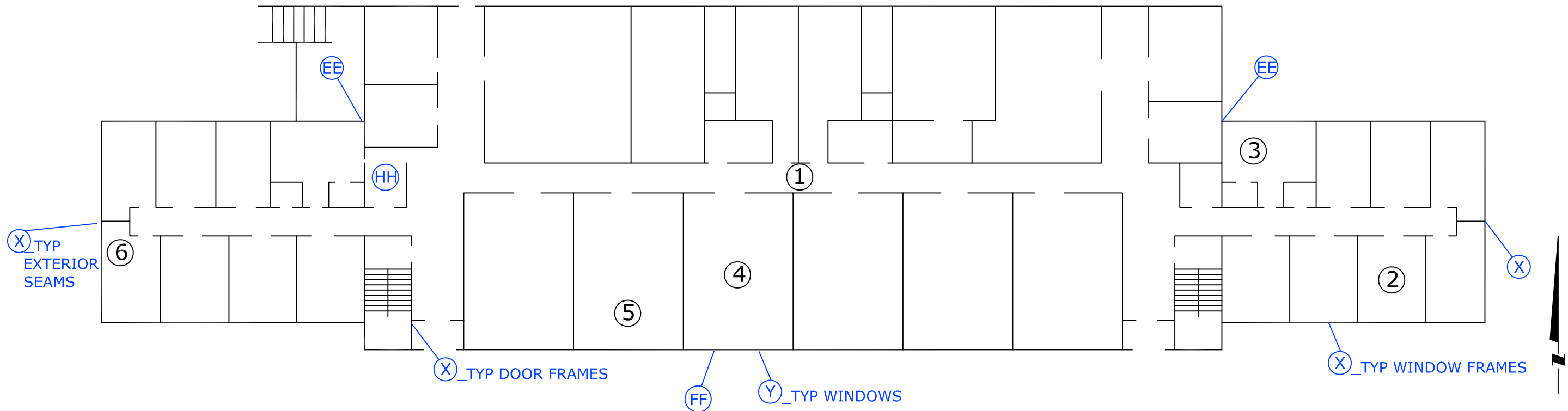
RP4471

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, STAIRWELLS, LAUNDRY ROOMS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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SHEET TITLE

BUILDING RP4471
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

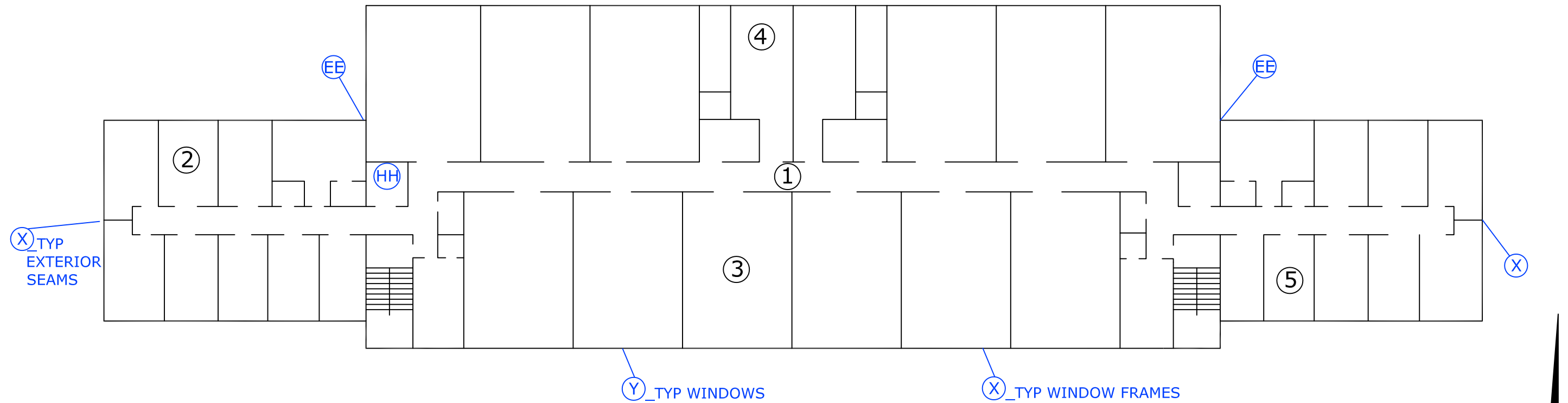
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 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

FIGURE

RP4471

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

(VFT/M) THROUGHOUT EXCEPT RESTROOMS,
STAIRWELLS, STORAGE ROOMS AND
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BUILDING RP4471
MATERIAL LOCATIONS
SECOND FLOOR

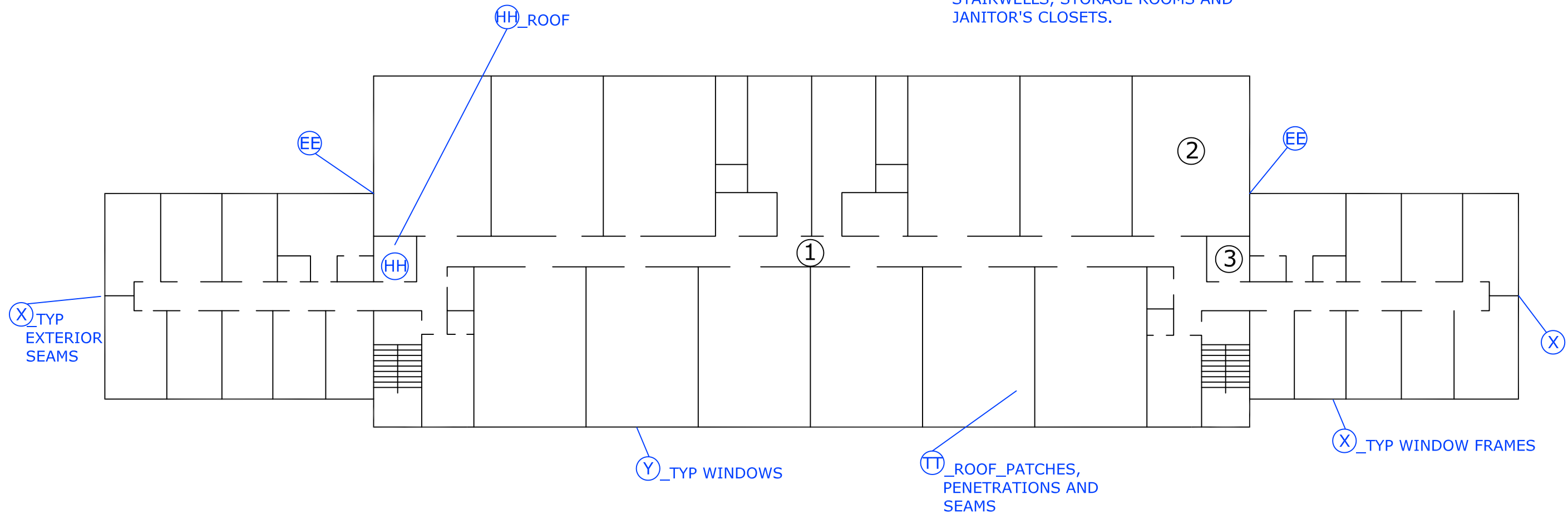
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FIGURE

RP4471

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

VFT/M THROUGHOUT EXCEPT RESTROOMS, STAIRWELLS, STORAGE ROOMS AND JANITOR'S CLOSETS.



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SHEET TITLE

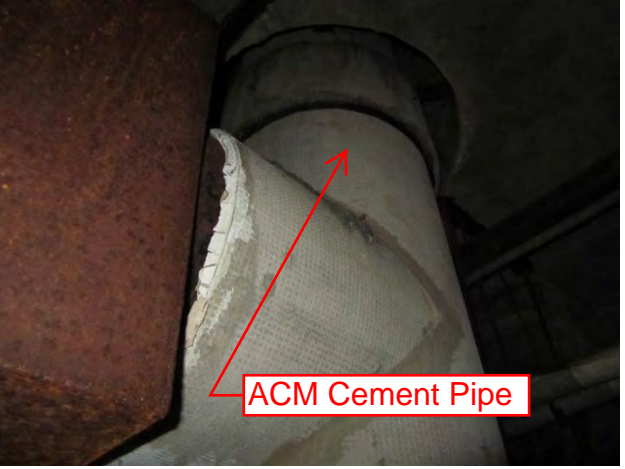
BUILDING RP4471
 MATERIAL LOCATIONS
 THIRD FLOOR

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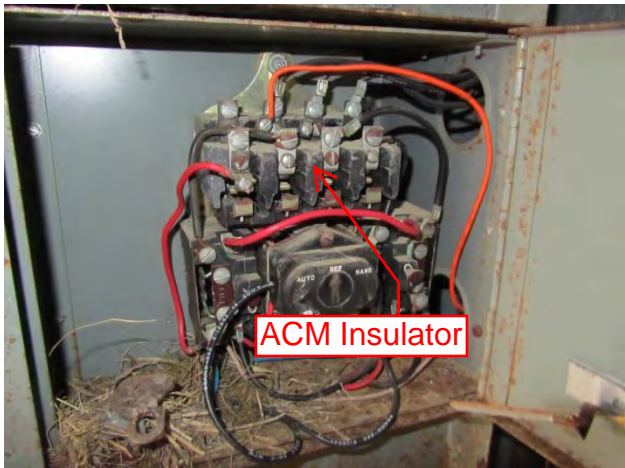
FIGURE

RP4471

BUILDING RP4471
PHOTO DOCUMENTATION



BUILDING RP4471
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B217728
Date Received: 03/07/16
Date Analyzed: 03/10/16
Date Printed: 03/10/16
First Reported: 03/10/16

Job ID/Site: 161091001 - FORA, RP4471

FALI Job ID: L1161
Total Samples Submitted: 85
Total Samples Analyzed: 85

Date(s) Collected: 03/03/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-A-01	11738665						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-A-02	11738666						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-A-03	11738667						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-A-04	11738668						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-A-05	11738669						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-A-06	11738670						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-A-07	11738671						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-B-01	11738672						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B217728

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-B-02	11738673						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-B-03	11738674						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-B-04	11738675						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-B-05	11738676						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-B-06	11738677						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-B-07	11738678						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-C-01	11738679						
Layer: Tan Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (3%)					
RP4471-D-01	11738680						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					
RP4471-D-02	11738681						
Layer: Off-White Tile			ND				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (Trace)					

Client Name: Vista Environmental Consultants

Report Number: B217728

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-E-01	11738682						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					
RP4471-F-01	11738683						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-F-02	11738684						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-F-03	11738685						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-G-01	11738686						
Layer: Grey Grout			ND				
Layer: White Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-G-02	11738687						
Layer: Grey Grout			ND				
Layer: White Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-H-01	11738688						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

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Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-H-02	11738689						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-H-03	11738690						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-I-01	11738691						
Layer: Brown Ceramic Tile			ND				
Layer: Grey Grout			ND				
Layer: Dark Grey Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-I-02	11738692						
Layer: Brown Ceramic Tile			ND				
Layer: Grey Grout			ND				
Layer: Dark Grey Mortar			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-J-01	11738693						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-L-01	11738694						
Layer: Grey Mortar			ND				
Layer: Grey Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-M-01	11738695						
Layer: Black Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (75 %)		Asbestos (ND)					
RP4471-N-01	11738696						
Layer: White Tape			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-Q-01	11738697						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-Q-02	11738698						
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-P-01	11738699						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4471-R-01	11738700						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4471-U-01	11738701						
Layer: Tan Tile		Chrysotile	Trace				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4471-V-01	11738702						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-V-02	11738703						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-W-01	11738704						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

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Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-W-02	11738705						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-W-03	11738706						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-X-01	11738707						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-X-02	11738708						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4471-X-03	11738709						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4471-Y-01	11738710						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4471-Y-02	11738711						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
RP4471-Z-01	11738712						
Layer: Red Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4471-AA-01	11738713						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

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Report Number: B217728

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-AA-02	11738714						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-BB-01	11738715						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-CC-01	11738716						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-DD-01	11738717						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-EE-01	11738718						
Layer: Yellow Foam			ND				
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4471-FF-01	11738719						
Layer: Black Semi-Fibrous Material		Chrysotile	40 %				
Total Composite Values of Fibrous Components:		Asbestos (40%)					
Cellulose (Trace)							
RP4471-HH-01	11738720						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	2 %		
Total Composite Values of Fibrous Components:		Asbestos (12%)					
Cellulose (Trace)							
RP4471-II-01	11738721						
Layer: Off-White Semi-Fibrous Material		Chrysotile	10 %				
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)		Fibrous Glass (40 %)					
RP4471-JJ-01	11738722						
Layer: Yellow Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)		Fibrous Glass (95 %)					

Client Name: Vista Environmental Consultants

Report Number: B217728

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-JJ-02	11738723						
Layer: Yellow Fibrous Material			ND				
Layer: Foil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (95 %)						
RP4471-KK-01	11738724						
Layer: Yellow Fibrous Material			ND				
Layer: Grey Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (70 %)						
RP4471-KK-02	11738725						
Layer: Yellow Fibrous Material			ND				
Layer: Grey Semi-Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %)	Fibrous Glass (70 %)						
RP4471-LL-01	11738726						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-MM-01	11738727						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4471-NN-01	11738728						
Layer: Black Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4471-OO-01	11738729						
Layer: Dark Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Synthetic (70 %)						
RP4471-PP-01	11738730						
Layer: Orange Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (95 %)						
RP4471-PP-02	11738731						
Layer: Orange Fibrous Material			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (95 %)						

Client Name: Vista Environmental Consultants

Report Number: B217728

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-QQ-01	11738732						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4471-QQ-02	11738733						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4471-RR-01	11738734						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4471-RR-02	11738735						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							

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Report Number: B217728

Date Printed: 03/10/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-SS-01	11738736						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							
RP4471-SS-02	11738737						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Green Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							
RP4471-TT-01	11738738						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4471-TT-02	11738739						
Layer: Grey Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4471-WW-01	11738740						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4471-XX-01	11738741						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4471-YY-01	11738742						
Layer: Black Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Synthetic (25 %)						

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4471-ZZ-01	11738743						
Layer: Brown Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (95 %)							
RP4471-B3-01	11738744						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							
RP4471-C3-01	11738745						
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Fibrous Glass (45 %)							
RP4471-D3-01	11738746						
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-E3-01	11738747						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4471-F3-01	11738748						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4471-F3-02	11738749						
Layer: White Drywall			ND				
Layer: White Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	A	01	PAINT/SKIM COAT	WHITE/WHITE	ON CONCRETE	
RP4471	A	02				
RP4471	A	03				
RP4471	A	A4				
RP4471	A	05				
RP4471	A	06				
RP4471	A	07				
RP4471	B	01	PAINT/SKIM COAT	WHITE/WHITE	ON CMU	
RP4471	B	02				
RP4471	B	03				

ANALYTICAL METHOD: PLM ~~400PF COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

1. [Signature] TRANSFER SIGNATURE
LOIS J. ROCHA PRINTED NAME
RECEIVED
MAR 07 2016 DATE/TIME
03/03/16 DATE/TIME

2. [Signature] TRANSFER SIGNATURE
CMJM d/o PRINTED NAME
12:30 DATE/TIME

3. _____ TRANSFER SIGNATURE
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

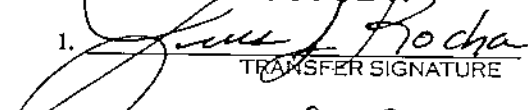

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	B	04				
RP4471	B	05				
RP4471	B	04				
RP4471	B	07				
RP4471	C	01	VPT/MAS	9" GRAY/BLACK		
RP4471	D	01	VPT/MAS	12" OFF-WHITE/BLACK		
RP4471	D	02				
RP4471	E	01	ACP	2'X4' WHITE, PINHOLE TACKED		
RP4471	F	01	PAINT/PASTER	WHITE/GRAY, PIPE CHASE		
RP4471	F	02				

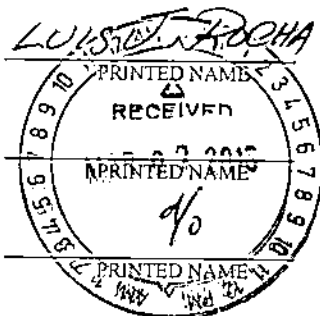
ANALYTICAL METHOD: PLM ~~40011 COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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SPECIAL INSTRUCTIONS:

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03/03/16
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DATE/TIME
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VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	F	03				
RP4471	G	01	MORTAR/ GROUT	WHITE/ GRAY, CERAMIC WALL		
RP4471	G	02				
RP4471	H	01	PAINT/ PLASTER	WHITE/ GRAY, CEILING		
RP4471	H	02				
RP4471	H	03				
RP4471	I	01	MORTAR/ GROUT	GRAY/BLACK/ GRAY, CERAMIC FLOOR		
RP4471	I	02				
RP4471	J	01	VPT/MAS	12" BEIGE/ BLACK		
RP4471	L	01	MORTAR/ GROUT	GRAY/GRAY, CERAMIC FLOOR		

ANALYTICAL METHOD: PLM 400 PTCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS:

CHAIN OF CUSTODY:

- Luis J. Rocha
TRANSFER SIGNATURE
- cygm
TRANSFER SIGNATURE
- _____
TRANSFER SIGNATURE

LUIS J. ROCHA
PRINTED NAME
RECEIVED
PRINTED NAME
MAR 03 2016
PRINTED NAME

03/03/16
DATE/TIME

DATE/TIME

DATE/TIME



VISTA ENVIRONMENTAL
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	M	01	FLEX JOINT	WHITE, ROUND DUCT		
RP4471	N	01	TAPE	WHITE, DUCT		
RP4471	Q	01	JOINT COMPOUND	WHITE, CMU PATCHING		
RP4471	Q	02	↓	↓		
RP4471	P	01	WB/JS	WHITE/WHITE		
RP4471	R	01	ACP	2'x4' WHITE, GOUGE		
RP4471	U	01	VET/MAS	9" TAN/BLACK		
RP4471	V	01	PAINT/CMU/HORTAR	WHITE/GRAY/GRAY		
RP4471	V	02	↓	↓		
RP4471	W	01	PAINT/STUCCO	WHITE/GRAY, EXTERIOR		

ANALYTICAL METHOD: PLM 400 ~~PERCENT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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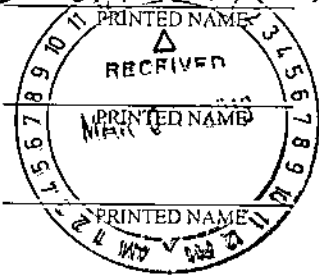
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LOUISIANA ROCHA
PRINTED NAME

03/03/16
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CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	W	02	↓	↓		
RP4471	W	03	↓	↓		
RP4471	X	01	SEALANT	GRAY, EXTERIOR DR, W/F & SEAMS		
RP4471	X	02	↓	↓		
RP4471	X	03	↓	↓		
RP4471	Y	01	GLAZING	TAN, WINDOW		
RP4471	Y	02	↓	↓		
RP4471	Z	01	GASKET	RED, EXTERIOR		
RP4471	AA	01	CONCRETE	GRAY, FOUNDATION		
RP4471	AA	02	↓	↓		

ANALYTICAL METHOD: PLM 400 ~~PERCENT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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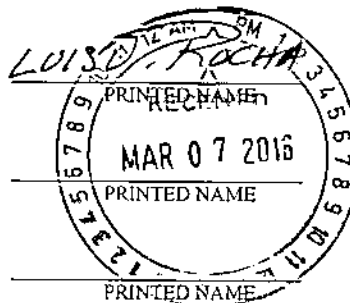
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CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	BB	01	SEALANT	GRAY, GUEY LOUVER		
RP4471	CC	01	SEALANT	CLEAR GRAY VENT		
RP4471	DD	01	GLAZING	GRAY, WINDOW ON DOOR		
RP4471	EE	01	SEALANT	GRAY, EXPANSION JOINT		
RP4471	FF	01	INSULATOR	BLACK, ELECT BOX		
RP4471	HH	01	CEMENT PIPE	GRAY, 36" Ø D		
RP4471	II	01	INSULATION	WHITE, TANK		
RP4471	JJ	01	JACKETING/MAS	WHITE/BLACK, PIPE		
RP4471	JJ	02	↓	↓		
RP4471	KK	01	JACKETING	WHITE, VALVES		

ANALYTICAL METHOD: PLM 4004 FCOUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

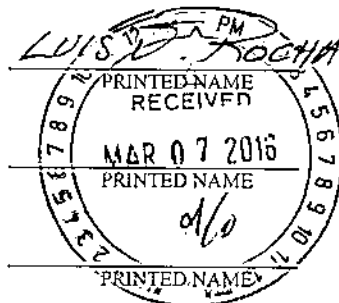
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CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	KK	02	↓	↓		
RP4471	LL	01	INSULATOR	GRAY, ELECT BOX		
RP4471	MM	01	INSULATOR PAPER	BEIGE, ELECT BOX		
RP4471	NN	01	INSULATOR	BLACK, ELECT BOX		
RP4471	OO	01	INSULATOR PAPER	GRAY, ELECT BOX		
RP4471	PP	01	JACKETING	WHITE, ELBOW		
RP4471	PP	02	↓	↓		
RP4471	QQ	01	ROOF FIELD	BLACK & BLACK, T & G.		
RP4471	QQ	02	↓	↓		
RP4471	RR	01	PANTRY/BASE	GRAY & BLACK, BUILTUP		

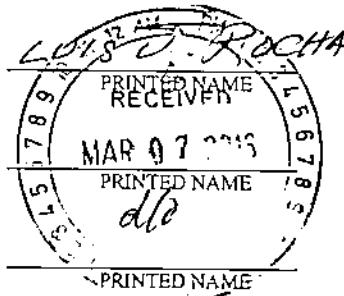
ANALYTICAL METHOD: PLM 400 FT COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	RR	02	↓	↓		
RP4471	SS	01	FLASHING	BLACK & BLACK		
RP4471	SS	02	↓	↓		
RP4471	TT	01	MASTIC	GRAY & BLACK, ROOF		
RP4471	TT	02	↓	↓		
RP4471	WW	01	ACP	2'X4' WHITE, RAINDOW PIN HOLE		
RP4471	XX	01	ACP	2'X4' WHITE, SOLID		
RP4471	YY	01	GASKET	BLACK, SHOWER LIGHT		
RP4471	ZZ	01	INSULATION	BROWN, FIRE DOOR		
RP4471	B3	01	VAPOR BARRIER	BLACK, CERAMIC FLOOR		

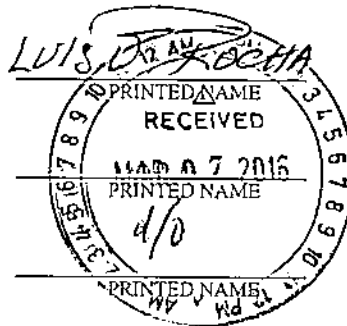
ANALYTICAL METHOD: PLM ~~400 FT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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SPECIAL INSTRUCTIONS:

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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/03/16

LOCATION: RP4471

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 92-0224/02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4471	C3	01	VAPOR BARRIER	BLACK, CONCRETE FOUNDATION		
RP4471	D3	01	MASTIC	YELLOW, WOOD PANEL		
RP4471	E3	01	GLAZING	WHITE, WINDOW OR DOOR		
RP4471	F3	01	WB/SE	GRAY/WHITE, SHOWER		
RP4471	F3	02	↓	↓		
85 SAMPLES						

ANALYTICAL METHOD: PLM 400 PLCCENT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY
 DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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2. [Signature]
TRANSFER SIGNATURE

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TRANSFER SIGNATURE

LUIS M. ROCHA
PRINTED NAME

RECEIVED

APR 07 2016
PRINTED NAME

dlb

PRINTED NAME

03/03/16
DATE/TIME

DATE/TIME

DATE/TIME

**FORA
RP4471
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
134					SHUTTER_CAL					2.84	cps
135					CALIBRATE				Positive	1.1	mg/cm ²
136					CALIBRATE				Negative	0.9	mg/cm ²
137					CALIBRATE				Positive	1.1	mg/cm ²
196	RP4471	1	OUTSIDE	NORTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
197	RP4471	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
198	RP4471	1	OUTSIDE	NORTH	WALL PANEL	CONCRETE	BEIGE	INTACT	Negative	0.05	mg/cm ²
199	RP4471	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
200	RP4471	1	OUTSIDE	NORTH	HAND RAIL	METAL	BEIGE	DETERIORATED	Negative	0.2	mg/cm ²
201	RP4471	1	OUTSIDE	NORTH	PIPE	METAL	BEIGE	DETERIORATED	Positive	7.7	mg/cm ²
202	RP4471	1	OUTSIDE	NORTH	DOOR FRAME	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.05	mg/cm ²
203	RP4471	1	OUTSIDE	NORTH	DOOR	METAL	BROWN, LIGHT	DETERIORATED	Negative	0.06	mg/cm ²
204	RP4471	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
205	RP4471	1	OUTSIDE	NORTH	CEILING	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
206	RP4471	1	OUTSIDE	NORTH	VENT	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
207	RP4471	1	OUTSIDE	EAST	DOWNSPOUT	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²
208	RP4471	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
209	RP4471	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
210	RP4471	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
211	RP4471	1	OUTSIDE	SOUTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
212	RP4471	1	OUTSIDE	SOUTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0	mg/cm ²
213	RP4471	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
214	RP4471	1	OUTSIDE	SOUTH	HAND RAIL	DRYWALL	BEIGE	DETERIORATED	Negative	0.19	mg/cm ²
215	RP4471	1	OUTSIDE	SOUTH	DOOR	METAL	BEIGE	DETERIORATED	Negative	0.4	mg/cm ²
216	RP4471	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	BEIGE	DETERIORATED	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4471
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
217	RP4471	1	1	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Positive	2.2	mg/cm ²
218	RP4471	1	1	WEST	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.22	mg/cm ²
219	RP4471	1	1	WEST	WALL PANEL	METAL	GREEN	INTACT	Negative	0.12	mg/cm ²
220	RP4471	1	1	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.2	mg/cm ²
221	RP4471	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.19	mg/cm ²
222	RP4471	1	1	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.4	mg/cm ²
223	RP4471	1	1	NORTH	DOOR	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
224	RP4471	1	1	EAST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Positive	1.8	mg/cm ²
225	RP4471	1	1	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.02	mg/cm ²
226	RP4471	1	1	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
227	RP4471	1	1	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
228	RP4471	1	1	SOUTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Positive	2.5	mg/cm ²
229	RP4471	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.21	mg/cm ²
230	RP4471	1	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.14	mg/cm ²
231	RP4471	1	1	WEST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0.06	mg/cm ²
232	RP4471	1	1	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.08	mg/cm ²
233	RP4471	1	1	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
234	RP4471	1	1	WEST	DOOR	WOOD	BROWN	INTACT	Negative	0.12	mg/cm ²
235	RP4471	1	1	WEST	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.6	mg/cm ²
236	RP4471	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
237	RP4471	1	1	NORTH	WALL	CONCRETE	BLUE	INTACT	Negative	0.05	mg/cm ²
238	RP4471	1	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
239	RP4471	1	2	NORTH	WALL	CONCRETE	YELLOW	INTACT	Negative	0	mg/cm ²
240	RP4471	1	2	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
241	RP4471	1	2	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.15	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4471
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
242	RP4471	1	2	NORTH	CABINET	METAL	TAN	INTACT	Negative	0	mg/cm ²
243	RP4471	1	2	EAST	COLUMN	PLASTER	YELLOW	INTACT	Negative	0	mg/cm ²
244	RP4471	1	2	EAST	COLUMN	CONCRETE	YELLOW	INTACT	Negative	0	mg/cm ²
245	RP4471	1	2	SOUTH	WINDOW SILL	CONCRETE	YELLOW	INTACT	Negative	0	mg/cm ²
246	RP4471	1	2	SOUTH	RADIATOR	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
247	RP4471	1	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.09	mg/cm ²
248	RP4471	1	3	NORTH	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
249	RP4471	1	3		CEILING	PLASTER	WHITE	INTACT	Negative	0.04	mg/cm ²
250	RP4471	1	3		FLOOR	PLASTER	BROWN	INTACT	Negative	0	mg/cm ²
251	RP4471	1	3	EAST	STALL	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
252	RP4471	1	3	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
253	RP4471	1	3		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
254	RP4471	1	4	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
255	RP4471	1	4	SOUTH	WINDOW FRAME	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
256	RP4471	1	4	SOUTH	TRIM	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
257	RP4471	1	4	SOUTH	WALL	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
258	RP4471	1	4	SOUTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
259	RP4471	1	4	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
260	RP4471	1	4	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
261	RP4471	1	4	EAST	CABINET	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
262	RP4471	1	4	EAST	CABINET	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
263	RP4471	1	4	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.14	mg/cm ²
264	RP4471	1	4	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.08	mg/cm ²
265	RP4471	1	4	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
266	RP4471	1	4	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4471
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
267	RP4471	1	5	NORTH	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
268	RP4471	1	5	SOUTH	WALL	WOOD	BLUE	INTACT	Negative	0.04	mg/cm ²
269	RP4471	1	5	SOUTH	WINDOW SILL	CONCRETE	BLUE	INTACT	Negative	0.01	mg/cm ²
270	RP4471	1	6	SOUTH	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
271	RP4471	1	6	SOUTH	WALL	WOOD	VARNISH	INTACT	Negative	0	mg/cm ²
272	RP4471	1	6	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.7	mg/cm ²
273	RP4471	1	6	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.5	mg/cm ²
274	RP4471	1	6	NORTH	SHELF	WOOD	BROWN	INTACT	Negative	0.02	mg/cm ²
275	RP4471	1	6	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
276	RP4471	1	6	NORTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
277	RP4471	1	6	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.24	mg/cm ²
278	RP4471	1	6	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²
279	RP4471	1	STAIRWELL E	WEST	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
280	RP4471	1	STAIRWELL E	WEST	HAND RAIL	METAL	BROWN	DETERIORATED	Positive	10.6	mg/cm ²
281	RP4471	1	STAIRWELL E	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.03	mg/cm ²
282	RP4471	1	STAIRWELL E		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
283	RP4471	1	STAIRWELL E		FLOOR	CONCRETE	YELLOW	INTACT	Positive	5.5	mg/cm ²
284	RP4471	1	STAIRWELL E	WEST	BASEBOARD	CONCRETE	BROWN	INTACT	Negative	0.6	mg/cm ²
285	RP4471	1	STAIRWELL E		STAIRS	CONCRETE	BEIGE	INTACT	Negative	0	mg/cm ²
286	RP4471	2	1	SOUTH	WALL	CONCRETE	YELLOW	DETERIORATED	Negative	0.01	mg/cm ²
287	RP4471	2	1	SOUTH	COLUMN	CONCRETE	YELLOW	DETERIORATED	Negative	0	mg/cm ²
288	RP4471	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
289	RP4471	2	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
290	RP4471	2	1	SOUTH	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.08	mg/cm ²
291	RP4471	2	1	SOUTH	EXPANSION JOINT	METAL	YELLOW	INTACT	Negative	0.06	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4471
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
292	RP4471	2	1		EXPANSION JOINT	METAL	RED	DETERIORATED	Negative	0.05	mg/cm ²
293	RP4471	2	1	EAST	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
294	RP4471	2	1	EAST	WALL	CONCRETE	YELLOW	INTACT	Negative	0	mg/cm ²
295	RP4471	2	1	NORTH	WALL PANEL	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
296	RP4471	2	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.09	mg/cm ²
297	RP4471	2	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
298	RP4471	2	1	SOUTH	WALL	CONCRETE	YELLOW	DETERIORATED	Negative	0	mg/cm ²
299	RP4471	2	1	SOUTH	COLUMN	CONCRETE	YELLOW	DETERIORATED	Negative	0.03	mg/cm ²
300	RP4471	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.29	mg/cm ²
301	RP4471	2	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
302	RP4471	2	2	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
303	RP4471	2	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²
304	RP4471	2	2	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
305	RP4471	2	2	SOUTH	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.08	mg/cm ²
306	RP4471	2	2	NORTH	COLUMN	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
307	RP4471	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
308	RP4471	2	2	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
309	RP4471	2	2	SOUTH	CABINET	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
310	RP4471	2	3	WEST	CABINET	METAL	WHITE	DETERIORATED	Negative	0	mg/cm ²
311	RP4471	2	3	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
312	RP4471	2	3	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
313	RP4471	2	3	WEST	BASEBOARD	CONCRETE	BLACK	INTACT	Negative	0	mg/cm ²
314	RP4471	2	3	SOUTH	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
315	RP4471	2	3	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
316	RP4471	2	3	SOUTH	RADIATOR	METAL	BLACK	INTACT	Negative	0.04	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4471
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
317	RP4471	2	3	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
318	RP4471	2	4	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
319	RP4471	2	4	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.1	mg/cm ²
320	RP4471	2	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.15	mg/cm ²
321	RP4471	2	4	SOUTH	WALL	CERAMIC	GRAY	INTACT	Negative	0	mg/cm ²
322	RP4471	2	4		CEILING	PLASTER	WHITE	INTACT	Negative	0.04	mg/cm ²
323	RP4471	2	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
324	RP4471	2	4		FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
325	RP4471	2	4	EAST	STALL	METAL	BROWN	INTACT	Negative	0.3	mg/cm ²
326	RP4471	2	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
327	RP4471	2	5	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
328	RP4471	2	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
329	RP4471	2	5	WEST	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
330	RP4471	2	5	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
331	RP4471	2	5	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
332	RP4471	2	5	NORTH	CABINET	METAL	BEIGE	INTACT	Negative	0.02	mg/cm ²
333	RP4471	3	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
334	RP4471	3	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
335	RP4471	3	1	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	3.1	mg/cm ²
336	RP4471	3	1	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
337	RP4471	3	2	EAST	WALL	CONCRETE	GREEN, LIGHT	DETERIORATED	Negative	0	mg/cm ²
338	RP4471	3	2	EAST	COLUMN	CONCRETE	GREEN, LIGHT	DETERIORATED	Negative	0	mg/cm ²
339	RP4471	3	2	NORTH	WALL	WOOD	GREEN, LIGHT	DETERIORATED	Negative	0.07	mg/cm ²
340	RP4471	3	2	NORTH	TRIM	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
341	RP4471	3	2	NORTH	WINDOW SILL	CONCRETE	GREEN, LIGHT	INTACT	Negative	0	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4471
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
342	RP4471	3	2	SOUTH	DOOR FRAME	METAL	WHITE	INTACT	Positive	1.4	mg/cm ²
343	RP4471	3	3	SOUTH	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.28	mg/cm ²
344	RP4471	3	3	EAST	SHELF	WOOD	GREEN	INTACT	Negative	0.08	mg/cm ²
345	RP4471	3	3		FLOOR	CONCRETE	GRAY	INTACT	Negative	0.02	mg/cm ²
346	RP4471	ROOF	OUTSIDE		PIPE	METAL	GRAY	INTACT	Positive	79.5	mg/cm ²
347					CALIBRATE				Positive	1	mg/cm ²
348					CALIBRATE				Positive	1	mg/cm ²
349					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

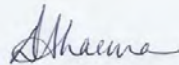
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71487-1
Client Project/Site: Building RP4471

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 3:47:41 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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6

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9

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12

13

14

15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Job ID: 720-71487-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71487-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: RP4471-PCBB01 (720-71487-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: RP4471-PCBB01 (720-71487-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Client Sample ID: RP4471-PCBB01

Lab Sample ID: 720-71487-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	410000000		230000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Client Sample ID: RP4471-PCBB01

Lab Sample ID: 720-71487-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230000000		ug/Kg		04/23/16 13:16	04/25/16 16:39	20000
PCB-1221	ND		230000000		ug/Kg		04/23/16 13:16	04/25/16 16:39	20000
PCB-1232	ND		230000000		ug/Kg		04/23/16 13:16	04/25/16 16:39	20000
PCB-1242	410000000		230000000		ug/Kg		04/23/16 13:16	04/25/16 16:39	20000
PCB-1248	ND		230000000		ug/Kg		04/23/16 13:16	04/25/16 16:39	20000
PCB-1254	ND		230000000		ug/Kg		04/23/16 13:16	04/25/16 16:39	20000
PCB-1260	ND		230000000		ug/Kg		04/23/16 13:16	04/25/16 16:39	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/23/16 13:16	04/25/16 16:39	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/23/16 13:16	04/25/16 16:39	20000



Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71487-1	RP4471-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71487-1	RP4471-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71487-1	RP4471-PCBB01	Total/NA	Solid	8082	201032
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032



Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Client Sample ID: RP4471-PCBB01

Lab Sample ID: 720-71487-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 16:39	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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- 3
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- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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- 3
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- 6
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- 15

Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4471

TestAmerica Job ID: 720-71487-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71487-1	RP4471-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

1

2

3

4

5

6

7

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11

12

13

14

15

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71487-1

Login Number: 71487

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
		Zn	40	mg/kg	10	EPA 3050B/6010B

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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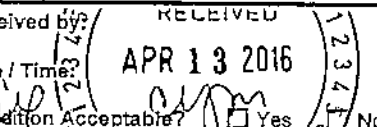
Client Name & Address: Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577		P.O. #: 161091001 Date: 4/12/16
		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day
		Due Date: _____ Due Time: _____
		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402	
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield	
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %	
	<input type="checkbox"/> TEM Microvac	
	<input type="checkbox"/> Special Project:	
Site: FORA	<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u>	
Job: RP	Matrix: <u>Solid</u>	
	Analytes: <u>CAM17</u>	

Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by:  Date / Time: <u>4/12/16 1430</u>	Relinquished by: _____ Date / Time: _____	Relinquished by: _____ Date / Time: _____
Received by:  Date / Time: <u>APR 13 2016</u> Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING RP4472



The information contained in these appendices are not stand alone documents and should not be separated from this report. For specific regulatory requirements regarding these materials please refer to the information provided in the Main Report. Quantities and locations listed in the tables are order of magnitude estimates and are not to be used for bidding purposes. It is the sole responsibility of the contractor to verify quantities and locations of hazardous materials in the path of construction through site visits and contractual bid set documents, including, but not limited to all specifications, drawings, and addenda. Any discrepancies between the contractual bid set documentation and site visits must be submitted in writing to the Owner or Owner's representative, prior to bidding.

MBUAPCD classifications are based upon the material's condition at the time of the survey or as rendered as a result of standard manual removal/demolition techniques. The use of "mechanical means", non-standard or other aggressive removal/demolition techniques may result in a different classification. MBUAPCD & Cal-OSHA classifications are based on the materials being >1% asbestos pending further analytical data that proves otherwise.

BUILDING RP4472

HAZARDOUS MATERIALS SUMMARY

Asbestos

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
VFT/M (C, D,T, U)	Vinyl Floor Tile/Mastic	9" Gray, Brown, Tan and 12" Off- White/Black	Throughout Except Basement Mechanical Room, Restrooms, Stairwell, Laundry Rooms, Storage Rooms and Janitor's Closets	Class II	Category I - Non-Friable	33,750 SF
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	Exterior Door Frames, Window Frames & Seams	Class II	Category I - Non-Friable	260 SF (3,120 LF)
DD	Glazing	Black, Window On Doors, Exterior	Exterior Doors with Windows	Class II	Category I - Non-Friable	126 SF (6 Doors)
EE	Sealant	Gray, Expansion Joint	Exterior - North Side at Junction of Larger Central Portion of the Building and the East and West Smaller Sections	Class II	Category I - Non-Friable	15 SF (80 LF)
FF	Insulator	Black, Electrical Box Board	Exterior South Central	Class II	Category II- Non-Friable	2 SF
HH	Cement Pipe	21" OD, Gray	Basement Mechanical Room through Pipe Chase in North West Storage Room to Roof	Class II	Category II- Non-Friable	50 LF
KK	Jacketing	White, Valves	Basement Mechanical Room	Class I	Friable (RACM when Removed)	10 SF (10 Each)

BUILDING RP4472 HAZARDOUS MATERIALS SUMMARY

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	MBUAPCD CATEGORY	ESTIMATED QUANTITY
NN	Insulator	Black, Electrical Box	Basement Mechanical Room	Class II	Category II-Non-Friable	10 SF
TT	Mastic	Gray & Black, Penetrations & Seams	Roof	Class II	Category I - Non-Friable	40 SF
E3	Heat Shield	Gray	1st Floor: South West and South East Bedrooms	Class II	Friable (RACM when Removed)	6 SF (6 Each)
G3	Glazing	White, Windows on Doors, Interior	Interior Stairwell Doors	Class II	Category I - Non-Friable	126 SF (6 Doors)

Lead-Based Paint and Materials

Reading No	Floor	Room	Side	Component	Substrate	Color	Condition	Pb	Units
120	1	Outside	South	Door Frame	Metal	Tan	Deteriorated	1.3	mg/cm ²
143	1	1	East	Door Frame	Wood	Brown	Deteriorated	2.5	mg/cm ²
158	1	1	South	Door Frame	Metal	Brown	Intact	1.3	mg/cm ²
195	1	Stairwell E	West	Door Frame	Metal	Brown	Deteriorated	1	mg/cm ²
199	1	Stairwell E		Hand Rail	Metal	Brown	Intact	5.9	mg/cm ²
200	1	Stairwell E	South	Riser	Concrete	Yellow	Deteriorated	4.7	mg/cm ²

All remaining tested materials had lead concentrations in excess of the level for compliance with trigger activities, as defined in 8 CCR 1532.1. Solid lead pipe covers are present on roof.

BUILDING RP4472

HAZARDOUS MATERIALS SUMMARY

Title 22 Metals Waste Characterization Estimate

Sample	Ba	Cr	Co	Cu	Hg	Ni	Pb	V	Zn	Units
RP-T22-01 Interior Paint (TTLC)	300	30	99	NA	8.3	9	360	11	2600	mg/kg
(STLC)							190			mg/l
(TCLP)							21			mg/l
RP-T22-02 Exterior Paint (TTLC)	90	NA	17	NA	33	NA	120	14	840	mg/kg
(STLC)							1.8			mg/l
(TCLP)							<0.3			mg/l
RP-T22-03 Ceramic Tiles/Mortar Bed (TTLC)	NA	NA	NA	NA	0.11	NA	NA	NA	NA	mg/kg
RP-T22-04 Other (TTLC)	1800	12	3	26	4.2	9	6	22	40	mg/kg
(STLC)					0.03					mg/l
(TCLP)					<0.02					mg/l

Shaded sample results were below the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC level. However, Soluble Threshold Limit Concentration (STLC) testing and analysis would be needed to see if it is a California Hazardous Waste, and Toxicity Characteristic Leaching Procedure (TCLP) testing and analysis would be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded sample results were above the Title 22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes TTLC and or STLC level and would be considered a California Hazardous Waste. TCLP testing and analysis may be needed to determine if it is a Federal RCRA Hazardous Waste.

Bolded and **Shaded** are Federal RCRA Hazardous Waste.

Tested metals not listed were below the reporting limit, which represents the lowest amount of analyte that the laboratory can confidently detect in the sample.

BUILDING RP4472

HAZARDOUS MATERIALS SUMMARY

Other Hazardous Materials

MATERIAL	CONTAMINANT	ESTIMATED QUANTITY
Fluorescent Tubes (4' Length)	Universal Waste	448
Other Non-incandescent Lamps	Universal Waste	7
Batteries: Emergency Lights & Exit Signs	Universal Waste	22
Light Fixture Ballasts	Polychlorinated Biphenyls	242
Water Coolers/Fountains	Ozone Depleting Chemicals	2
Smoke Detectors	Low-Level Radiation	25

Note: Animal fecal matter was seen on the 3rd Floor and water damage was seen in the stairwells.

Polychlorinated Biphenyls

Sample	Type	Analyte	Result	Units
RP4472-PCBB01	Ballast Capacitor Oil	PCB-1242	580,000	mg/kg

PCBs were detected at levels ≥ 50 mg/kg and are therefore considered a "PCB Bulk Product Waste" according to Title 40, CFR Part 761. PCB bulk product waste is not authorized for use and must be removed and properly disposed of.

BUILDING RP4472 ASBESTOS SAMPLING INVENTORY

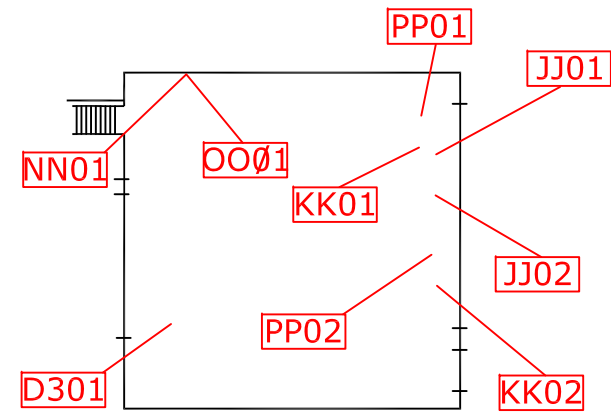
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint/Skim Coat	White/White, Concrete	7
B	Paint/Skim Coat	White/Gray, Concrete Masonry Unit	7
C	Vinyl Floor Tile/Mastic	9" Gray/Black	1
D	Vinyl Floor Tile/Mastic	12" Off-White/Black	1
E	Acoustic Ceiling Panel	2'x4' White, Pinhole Texture	1
F	Paint/Plaster	White/Gray, Pipe Chase	3
G	Mortar/Grout	White/White, Large Ceramic Wall	2
H	Paint/Plaster	White/Gray, Ceiling	3
I	Mortar/Grout	Gray & Black/Gray, 1' Ceramic Floor	1
J	Not Used	Not Used	Not Used
K	Acoustic Ceiling Panel	2'x 4' White, Pinhole Gouge	1
L	Mortar/Grout	Gray/Gray, 4" Quarry Floor	1
M	Flex Joint	White, Round Duct	1
N	Tape	White, Duct	1
O	Joint Compound	White, Concrete Masonry Unit Patching	2
P	Not Used	Not Used	Not Used
Q	Basecove/Mastic	4" Beige/Yellow	1
R	Not Used	Not Used	Not Used
S	Not Used	Not Used	Not Used
T	Vinyl Floor Tile/Mastic	9" Brown/Black	1
U	Vinyl Floor Tile/Mastic	9" Tan/Black	1
V	Paint/Concrete Masonry Unit/Mortar	White/Gray/Gray, Exterior	2

BUILDING RP4472 ASBESTOS SAMPLING INVENTORY



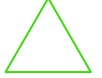
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
W	Paint/Stucco	White/Gray, Under Windows	3
X	Sealant	Gray, Exterior Door Frames, Window Frames & Seams	3
Y	Glazing	Tan, Window	1
Z	Gasket	Red, Round, Exterior Foundation	1
AA	Concrete	Gray, Structural	2
BB	Sealant	Gray, "Gooney", Louver	1
CC	Sealant	Clear, Gray, "Silicon-Like"	1
DD	Glazing	Black, Window On Doors	1
EE	Sealant	Gray, Expansion Joint	1
FF	Insulator	Black, Electrical Box Board	1
GG	Insulator	Brown, Exterior	1
HH	Cement Pipe	21" OD, Gray	1
II	Not Used	Not Used	Not Used
JJ	Jacketing/Mastic	White/Black, Pipe	2
KK	Jacketing	White, Valves	2
LL	Insulator	Gray, Electrical Box	1
MM	Insulator Paper	Beige, Electrical Box	1
NN	Insulator	Black, Electrical Box	1
OO	Insulator Paper	Gray, Electrical Box	1
PP	Jacketing	White, Elbows	2
QQ	Roof Field	Black, Tar & Gravel	2
RR	Parapet/Base	Gray/Black, Built Up	2

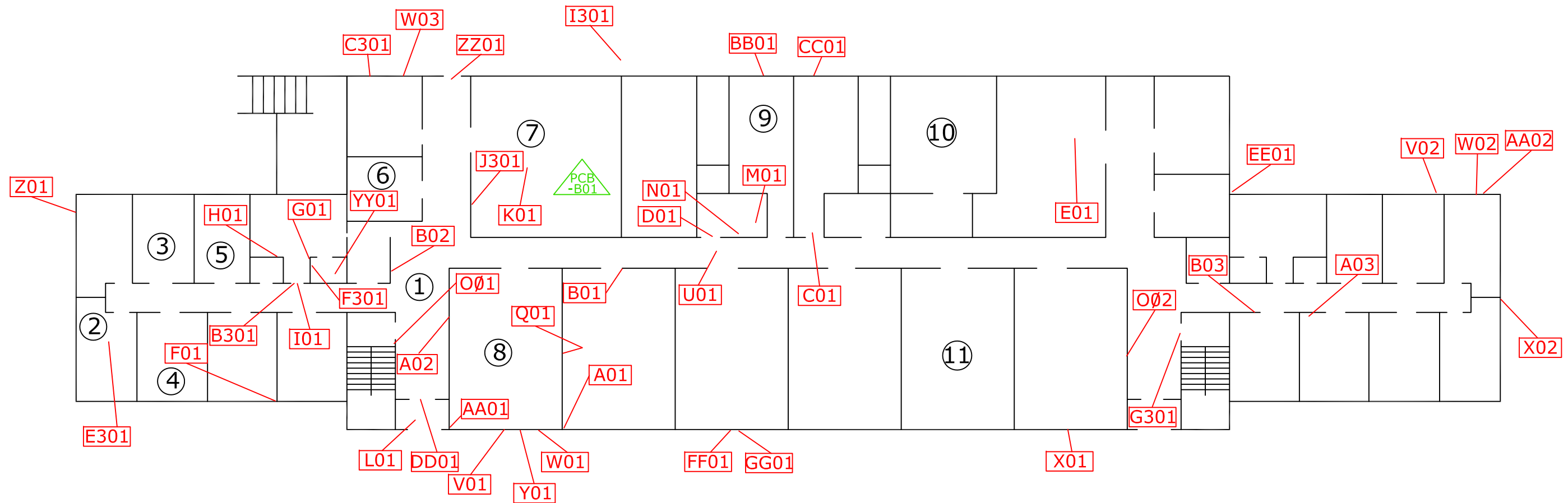
**BUILDING RP4472
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
SS	Flashing	Black, Tar & Gravel	2
TT	Mastic	Gray & Black, Penetrations & Seams	1
UU	Not Used	Not Used	Not Used
VV	Sealant	White	1
WW	Not Used	Not Used	Not Used
XX	Not Used	Not Used	Not Used
YY	Gasket	Black, Shower Lights	1
ZZ	Insulation	Brown, Fire Door	1
A3	Sealant	Gray, Roof Flashing	1
B3	Vapor Barrier	Black, Under Ceramic 1" Floor Tile	1
C3	Vapor Barrier	Black, Foundation	1
D3	Jacketing	White & Yellow	1
E3	Heat Shield	Gray	1
F3	Wallboard/Joint Compound	Gray/White, Shower	2
G3	Glazing	White	1
H3	Not Used	Not Used	Not Used
I3	Cement Pipe	6" OD, Gray	1
J3	Mastic	Black, Wall	1



MECHANICAL ROOM

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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510-346-8860

PROJECT TITLE

FORA
SURPLUS II SITE
SEASIDE, CALIFORNIA




SHEET TITLE

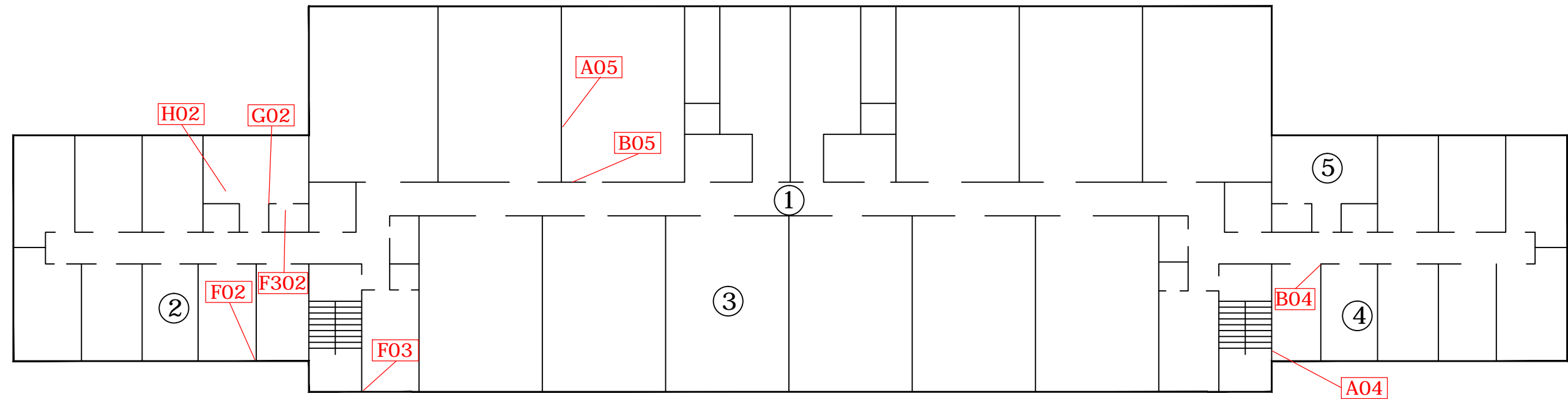
BUILDING RP4472
SAMPLE LOCATIONS
FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
DRAWN BY: ADF
CHECKED BY: CB
PROJECT No.
DATE: 05/21/2016
DRAWING No.

FIGURE

RP4472

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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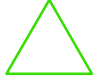
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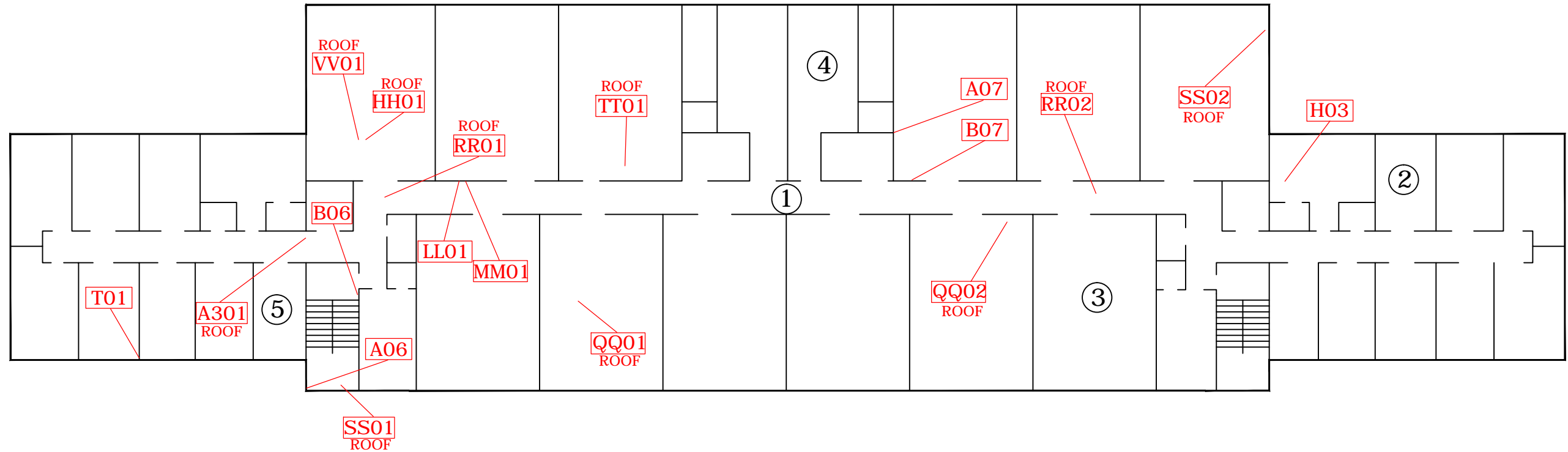
BUILDING RP4472
 SAMPLE LOCATIONS
 SECOND FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
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FIGURE

RP4472

LEGEND	
	-ASBESTOS SAMPLE LOCATION
	-XRF ROOM NUMBERS
	-PCB SAMPLE LOCATIONS



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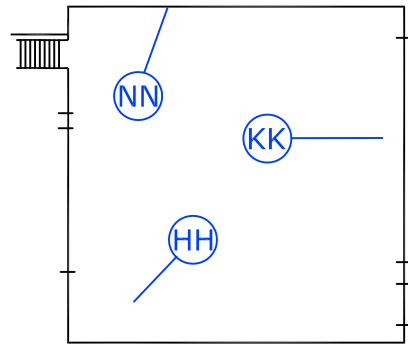
PROJECT TITLE
 FORA SURPLUS II SITE
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SHEET TITLE
 BUILDING RP4472
 SAMPLE LOCATIONS
 THIRD FLOOR

SCALE: 1" = 20'
 DRAWN BY: ADF
 CHECKED BY: CB
 PROJECT No.
 DATE: 05/21/2016
 DRAWING No.

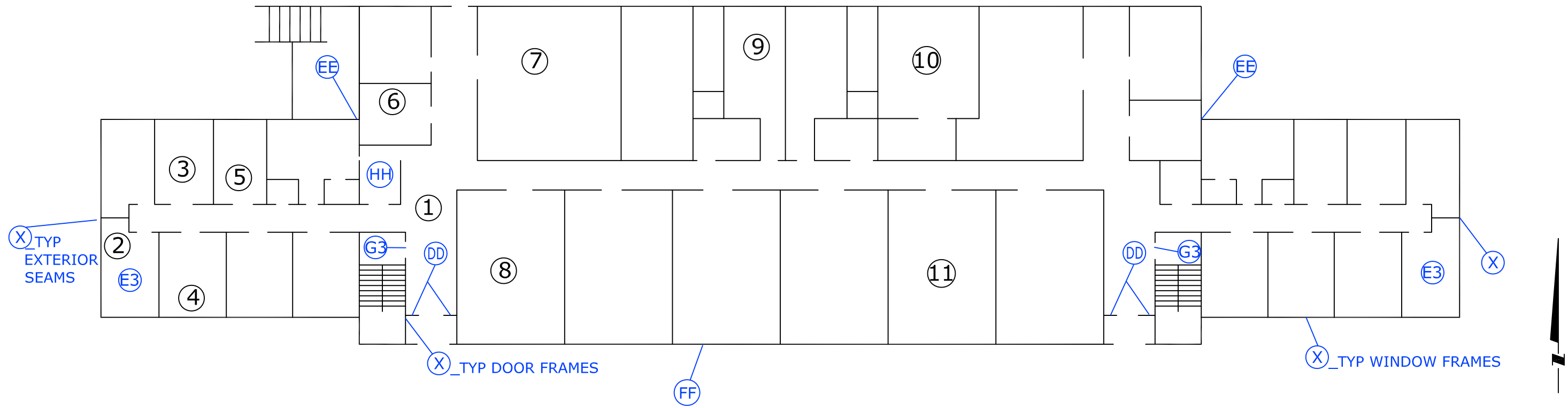
FIGURE
 RP4472

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS



MECHANICAL ROOM

VFT/M THROUGHOUT EXCEPT MECHANICAL ROOMS, RESTROOMS, STAIRWELL, LAUNDRY ROOMS, STORAGE ROOMS AND JANITOR'S CLOSETS.





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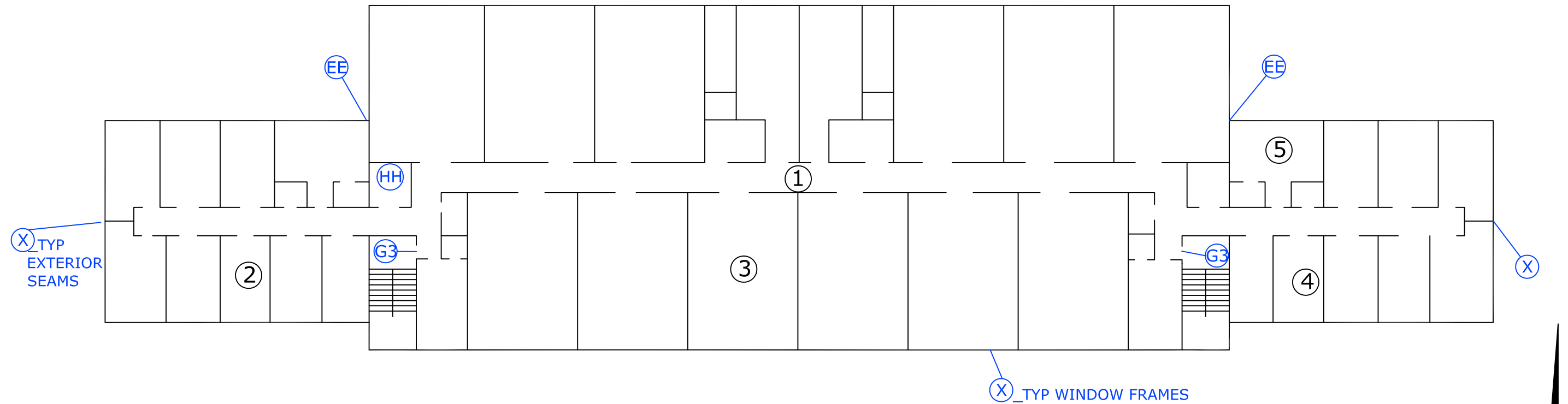
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 BUILDING RP4472
 MATERIAL LOCATIONS
 FIRST FLOOR AND MECHANICAL ROOM

SCALE: 1" = 20'
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 DRAWING No.

FIGURE
 RP4472

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

(VFT/M) THROUGHOUT EXCEPT RESTROOMS,
STAIRWELLS, STORAGE ROOMS AND
JANITOR'S CLOSETS.



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SHEET TITLE

BUILDING RP4472
MATERIAL LOCATIONS
SECOND FLOOR

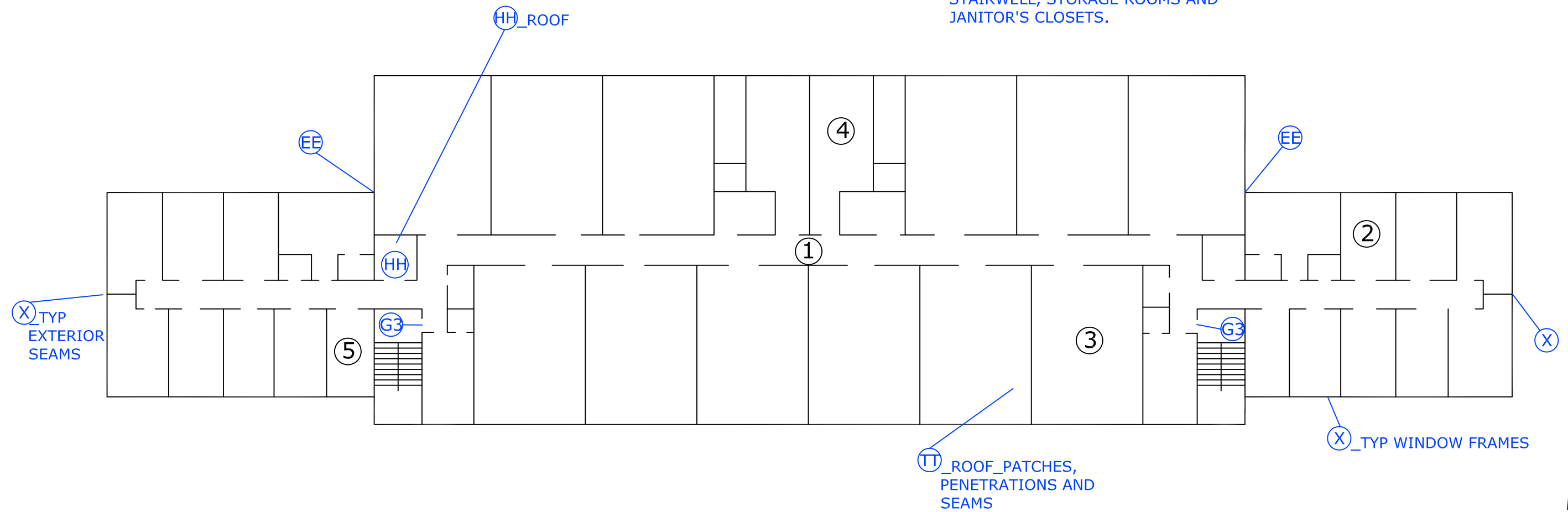
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DRAWING No.

FIGURE

RP4472

LEGEND	
	-ASBESTOS MATERIAL LOCATION
	-XRF ROOM NUMBERS

(VFT/M) THROUGHOUT EXCEPT RESTROOMS,
STAIRWELL, STORAGE ROOMS AND
JANITOR'S CLOSETS.



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SHEET TITLE

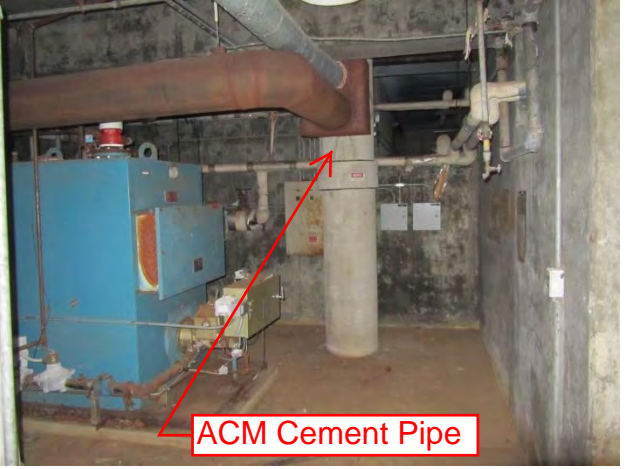
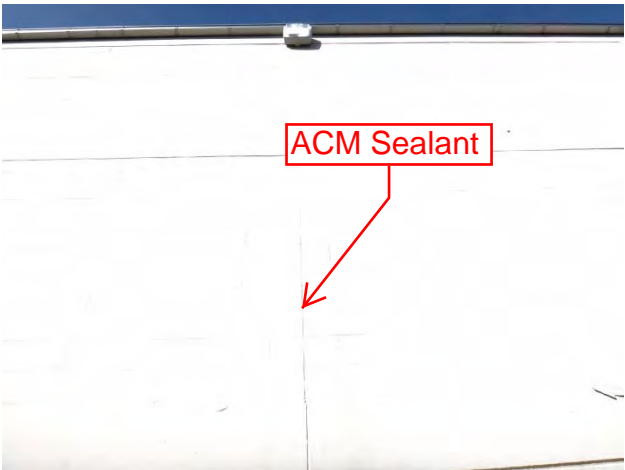
BUILDING RP4472
MATERIAL LOCATIONS
THIRD FLOOR

SCALE: 1" = 20'
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PROJECT No.
DATE: 05/21/2016
DRAWING No.

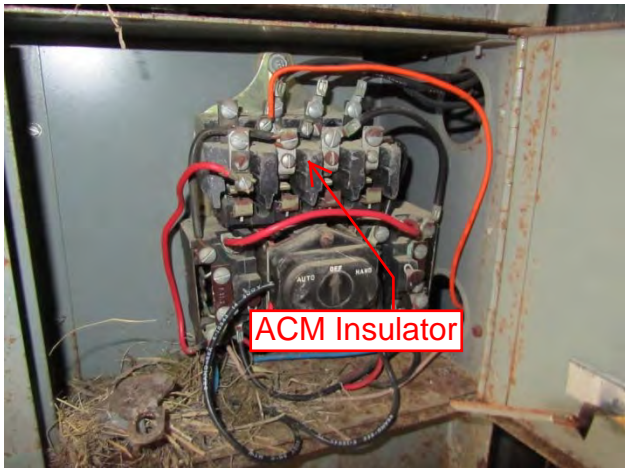
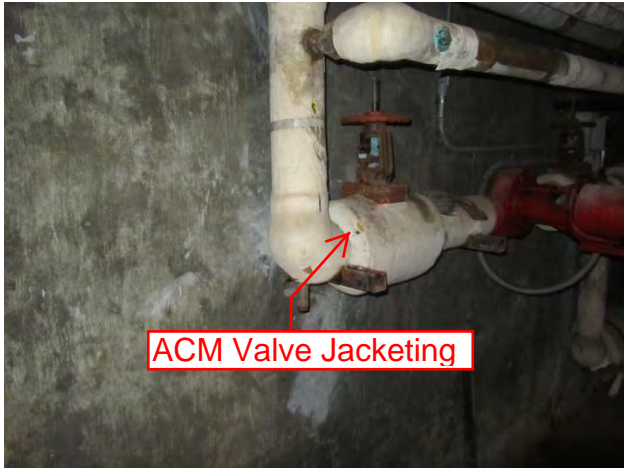
FIGURE

RP4472

BUILDING RP4472
PHOTO DOCUMENTATION



BUILDING RP4472
PHOTO DOCUMENTATION





Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: B218154
Date Received: 03/14/16
Date Analyzed: 03/17/16
Date Printed: 03/17/16
First Reported: 03/17/16

Job ID/Site: 161091001 - FORA, RP4472

FALI Job ID: L1161
Total Samples Submitted: 84
Total Samples Analyzed: 84

Date(s) Collected: 03/11/2016

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-A-01	11742232						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-A-02	11742233						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-A-03	11742234						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-A-04	11742235						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-A-05	11742236						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-A-06	11742237						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-A-07	11742238						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-B-01	11742239						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218154

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-B-02	11742240						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-B-03	11742241						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-B-04	11742242						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-B-05	11742243						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-B-06	11742244						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-B-07	11742245						
Layer: Multi-Layer Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-C-01	11742246						
Layer: Tan Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (3%)					
RP4472-D-01	11742247						
Layer: Beige Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-E-01	11742248						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (95 %)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218154

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-F-01	11742249						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-F-02	11742250						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-F-03	11742251						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-G-01	11742252						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-G-02	11742253						
Layer: White Mortar			ND				
Layer: Light Grey Grout			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-H-01	11742254						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-H-02	11742255						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
RP4472-H-03	11742256						
Layer: Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					

Client Name: Vista Environmental Consultants

Report Number: B218154

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-I-01	11742257						
Layer: Grey Mortar			ND				
Layer: Black Grout			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-K-01	11742258						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
RP4472-L-01	11742259						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-M-01	11742260						
Layer: Black Semi-Fibrous Material			ND				
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (30 %) Synthetic (5 %)							
RP4472-N-01	11742261						
Layer: Grey Tape			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-O-01	11742262						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-O-02	11742263						
Layer: White Joint Compound			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-Q-01	11742264						
Layer: Brown Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-T-01	11742265						
Layer: Brown Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218154

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-U-01	11742266						
Layer: Tan Tile			ND				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4472-V-01	11742267						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-V-02	11742268						
Layer: Grey Mortar			ND				
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-W-01	11742269						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-W-02	11742270						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-W-03	11742271						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-X-01	11742272						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4472-X-02	11742273						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218154

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-X-03	11742274						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
RP4472-Y-01	11742275						
Layer: Tan Non-Fibrous Material			ND				
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-Z-01	11742276						
Layer: Red Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-AA-01	11742277						
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-AA-02	11742278						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-BB-01	11742279						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-CC-01	11742280						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-DD-01	11742281						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4472-EE-01	11742282						
Layer: Grey Non-Fibrous Material		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218154

Date Printed: 03/17/16

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-FF-02	11742283						
Layer: Black Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							
RP4472-GG-01	11742284						
Layer: Grey Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (45 %) Synthetic (55 %)							
RP4472-HH-01	11742285						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %	Crocidolite	3 %		
Total Composite Values of Fibrous Components:		Asbestos (13%)					
Cellulose (Trace)							
RP4472-JJ-01	11742286						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %) Fibrous Glass (5 %)							
RP4472-JJ-02	11742287						
Layer: White Fibrous Material			ND				
Layer: Foil			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (60 %) Fibrous Glass (5 %)							
RP4472-KK-01	11742288						
Layer: Yellow Fibrous Material			ND				
Layer: Grey Semi-Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %) Fibrous Glass (75 %)							
RP4472-KK-02	11742289						
Layer: Yellow Fibrous Material			ND				
Layer: Off-White Semi-Fibrous Material		Chrysotile	2 %				
Layer: Grey Semi-Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (15 %) Fibrous Glass (75 %)							
RP4472-LL-01	11742290						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-MM-02	11742291						
Layer: Black Fibrous Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Synthetic (70 %)						
RP4472-NN-01	11742292						
Layer: Black Semi-Fibrous Material		Chrysotile					10 %
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4472-OO-01	11742293						
Layer: Dark Green Fibrous Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)	Synthetic (70 %)						
RP4472-PP-01	11742294						
Layer: Yellow Fibrous Material							ND
Layer: White Woven Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (95 %)						
RP4472-PP-02	11742295						
Layer: Yellow Fibrous Material							ND
Layer: White Woven Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (95 %)						
RP4472-QQ-01	11742296						
Layer: Black Tar							ND
Layer: Black Felt							ND
Layer: Black Tar							ND
Layer: Black Felt							ND
Layer: Black Tar							ND
Layer: Black Felt							ND
Layer: Dark Green Foam							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							
RP4472-QQ-02	11742297						
Layer: Black Tar							ND
Layer: Black Felt							ND
Layer: Black Tar							ND
Layer: Black Felt							ND
Layer: Black Tar							ND
Layer: Black Felt							ND
Layer: Dark Green Foam							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)	Fibrous Glass (40 %)						
Comment: Bulk complex sample.							

Client Name: Vista Environmental Consultants

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-RR-01	11742298						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4472-RR-02	11742299						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (40 %)							
Comment: Bulk complex sample.							
RP4472-SS-01	11742300						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Stones			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (20 %)							
RP4472-SS-02	11742301						
Layer: Black Semi-Fibrous Tar			ND				
Layer: Stones			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %) Fibrous Glass (20 %)							
RP4472-TT-01	11742302						
Layer: Grey Mastic		Chrysotile	10 %				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
RP4472-VV-01	11742303						
Layer: Grey Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Vista Environmental Consultants

Report Number: B218154

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-YY-01	11742304						
Layer: Grey Non-Fibrous Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-ZZ-01	11742305						
Layer: Black Fibrous Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
RP4472-A3-01	11742306						
Layer: Brown Fibrous Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (90 %)							
RP4472-B3-01	11742307						
Layer: Black Tar							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-C3-01	11742308						
Layer: Brown Non-Fibrous Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
RP4472-D3-01	11742309						
Layer: Yellow Fibrous Material							ND
Layer: White Fibrous Material							ND
Layer: Foil							ND
Layer: Off-White Woven Material							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (10 %) Fibrous Glass (80 %)							
RP4472-E3-01	11742310						
Layer: White Fibrous Material		Chrysotile					70 %
Layer: Foil							ND
Total Composite Values of Fibrous Components:		Asbestos (67%)					
Cellulose (20 %)							
RP4472-F3-01	11742311						
Layer: Off-White Drywall							ND
Layer: White Joint Compound							ND
Layer: Paint							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
RP4472-F3-02	11742312						
Layer: Off-White Drywall							ND
Layer: White Joint Compound							ND
Layer: Paint							ND
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: Vista Environmental Consultants

Report Number: B218154

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
RP4472-G3-01	11742313						
Layer: Grey Non-Fibrous Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
RP4472-I3-01	11742314						
Layer: Grey Semi-Fibrous Material		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (10%)					
Cellulose (Trace)							
RP4472-J3-01	11742315						
Layer: Black Mastic			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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VISTA ENVIRONMENTAL
CONSULTING

ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	A	01	PAINT / SKIMCOAT	WHITE / WHITE		
RP4472	A	02				
RP4472	A	03				
RP4472	A	04				
RP4472	A	05				
RP4472	A	06				
RP4472	A	07				
RP4472	B	01	PAINT / SKIMCOAT	WHITE / GRAY		
RP4472	B	02				
RP4472	B	03				

ANALYTICAL METHOD: PLM ~~400-PT-COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
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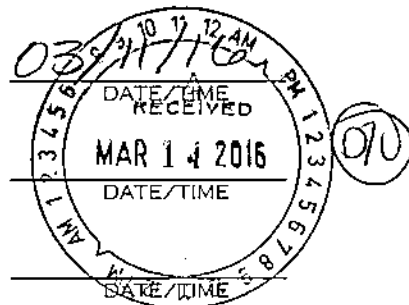
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

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CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	B	04				
RP4472	B	05				
RP4472	B	06				
RP4472	B	07				
RP4472	C	01	VFT/MAS	9" GRAY / BLACK		
RP4472	D	01	VFT/MAS	12" OFF WHITE / BLACK		
RP4472	E	01	ACP	2'x4' WHITE TEXTURE PWDLR		
RP4472	F	01	PAINT / PLASTER	WHITE / GRAY PIPE CHASE		
RP4472	F	02				
RP4472	F	03				

ANALYTICAL METHOD: PLM ACCEPT CONT. TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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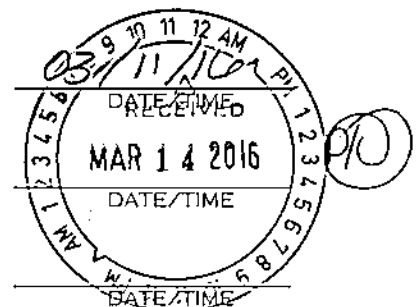
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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

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PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	G	01	MORTAR / GROUT	WHITE / WHITE LARGE CERAMIC		
RP4472	G	02	↓	↓		
RP4472	H	01	PAINT / PLASTER	WHITE / GRAY CEILING		
RP4472	H	02	↓	↓		
RP4472	H	03	↓	↓		
RP4472	I	01	MORTAR / GROUT	GRAY & BLACK GRAY, 1" CERAMIC		
RP4472	K	01	ACP	2' x 4' WHITE PIPHOLE GUDGE		
RP4472	L	01	MORTAR / GROUT	GRAY / GRAY 4" QUARRY FLOOR		
RP4472	M	01	FLEX JOINT	WHITE ROUND DUCT		
RP4472	N	01	TAPE	WHITE, DUCT		

ANALYTICAL METHOD: PLM ~~400 PT COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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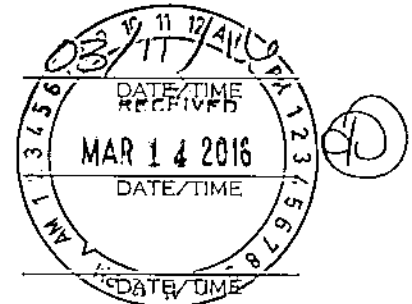
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ASBESTOS BULK SAMPLE LOG

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DATE: 03/11/16

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	O	01	JOINT COMPOUND	WHITE CMU PATCHING		
RP4472	O	02	↓	↓		
RP4472	Q	01	BC/MAS	1" BRICK YELLOW		
RP4472	T	01	VFT/MAS	9" BRICK BLACK		
RP4472	U	01	VFT/MAS	9" TAW BLACK		
RP4472	V	01	PAINT/CMU MORTAR	WHITE/GRAY/GRAY		
RP4472	V	02	↓	↓		
RP4472	W	01	PAINT/STUCCO	WHITE/GRAY		
RP4472	W	02	↓	↓		
RP4472	W	03	↓	↓		

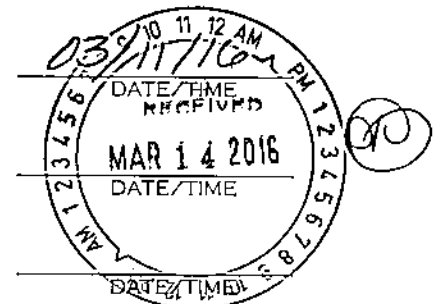
ANALYTICAL METHOD: PLM 400.PP.CONTE TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	X	01	SEALANT	GRAY, EXT		
RP4472	X	02	↓	↓		
RP4472	X	03	↓	↓		
RP4472	Y	01	GLAZING	TAN, WINDOW		
RP4472	Z	01	GASKET	RED, EXT		
RP4472	AA	01	CONCRETE	GRAY, STRUCTURAL		
RP4472	AA	02	↓	↓		
RP4472	BB	01	SEALANT	GRAY LOUVER		
RP4472	CC	01	SEALANT	CLEAR GRAY		
RP4472	DD	01	GLAZING	BLACK		

ANALYTICAL METHOD: PLM ~~400 PFC COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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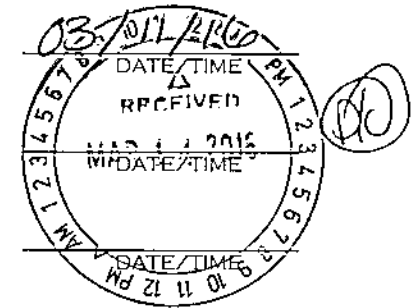
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ASBESTOS BULK SAMPLE LOG

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CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	ER	01	SPALAWT	GRAY, EXPANSION JOINT		
RP4472	FF	02	INSULATOR	BLACK, EXT		
RP4472	GG	01	INSULATOR	BROWN, EXT		
RP4472	HH	01	CEMENT PIPE	GRAY,		
RP4472	JJ	01	JACKETING / MASTIC	WHITE / BLACK, PIPE		
RP4472	JJ	02	↓	↓		
RP4472	KK	01	JACKETING	WHITE, VALVES		
RP4472	KK	02	↓	↓		
RP4472	LL	01	INSULATOR	GRAY, ELECTRICAL BOX		
RP4472	MM	02	INSULATOR PAPER	BEIGE ELECTRICAL BOX		

ANALYTICAL METHOD: PLM ~~ICP-OES~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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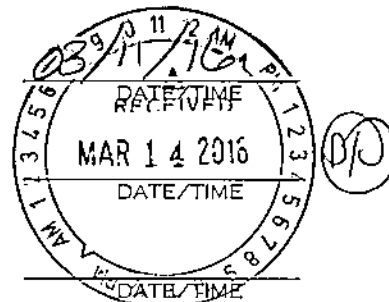
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ASBESTOS BULK SAMPLE LOG

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OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	NW	01	INSULATOR	BLACK, ELECTRICAL BOX		
RP4472	OO	01	INSULATOR PAPER	GRAY, ELECTRICAL BOX		
RP4472	PP	01	JACKETING	WHITE, ELBOWS		
RP4472	PP	02	↓	↓		
RP4472	QQ	01	ROOF FIELD	BLACK, TIG		
RP4472	QQ	02	↓	↓		
RP4472	RR	01	PARAPET / BASE	GRAY/BLACK, BUILTUP		
RP4472	RR	02	↓	↓		
RP4472	SS	01	FLASHING	BLACK, TIG		
RP4472	SS	02	↓	↓		

ANALYTICAL METHOD: PLM ~~400.PF.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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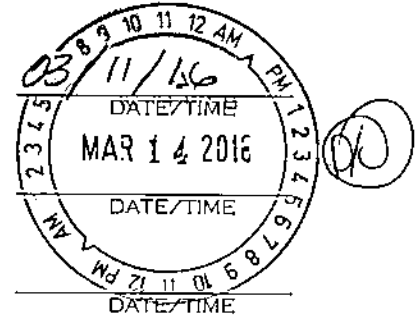
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/16

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	TT	01	MASTIC	GRAY & BLACK		
RP4472	VV	01	SEALANT	WHITE, CEILING EXHAUST		
RP4472	YY	01	GASKET	BLACK, SHOWER LIGHT		
RP4472	ZZ	01	INSULATION	BROWN, FIRE DOOR		
RP4472	AB	01	SEALANT	GRAY, ROOF FLASHING		
RP4472	B3	0R	VAPOR BARRIER	BLACK, FLOOR		
RP4472	C3	01	VAPOR BARRIER	BLACK, FOUNDATION		
RP4472	D3	01	JACKETING	WHITE & YELLOW IBREECH		
RP4472	E3	01	HEAT SHIELD	GRAY		
RP4472	F3	01	NB/SC	GRAY/WHITE SHOWER		

ANALYTICAL METHOD: PLM 400 FT. COUNT TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

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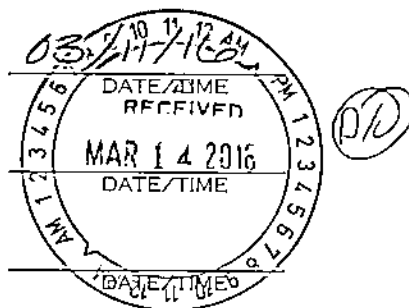
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ASBESTOS BULK SAMPLE LOG

2984 TEAGARDEN STREET
SAN LEANDRO, CA 94577

OFFICE 510.346.8860
FAX 888.653.8889

CLIENT: FORA

DATE: 03/11/14

LOCATION: RP4472

PROJECT NUMBER: 161091001

SAMPLED BY: CB/JR

CAC OR SST No: 02-3244

BUILDING	HOMO AREA ID	NUMBER	MATERIAL	DESCRIPTION	LOCATION	QUANTITY (SF/LF/EA)
RP4472	F3	02	↓	↓		
RP4472	G3	01	GLAZING	WHITE, INT		
RP4472	I3	01	CEMENT PIPE	GRAY, 8" OD TEXT		
RP4472	J3	01	MASTIC	BLACK, WALL		
RP4472						
RP4472						
RP4472						
RP4472						
RP4472						
RP4472						
RP4472						

84 SAMPLES

ANALYTICAL METHOD: PLM ~~400PT.COUNT~~ TURNAROUND TIME: SAME DAY 24HR 48 HR 3 DAY

DATA SENT TO: CHRISTOPHER BURNS VIA E-MAIL: CHRISBURNS@VISTA-ENV.COM
QUESTIONS CALL: 510.658.8860

SPECIAL INSTRUCTIONS: _____

CHAIN OF CUSTODY:

1. [Signature]
TRANSFER SIGNATURE

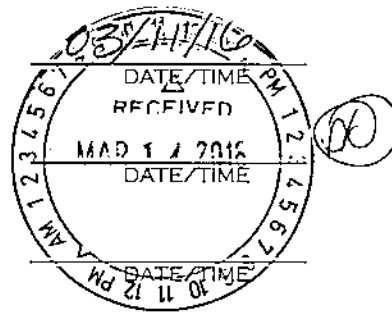
LUIS JAVIER ROCHA
PRINTED NAME

2. [Signature]
TRANSFER SIGNATURE

S. Hollister
PRINTED NAME

3. _____
TRANSFER SIGNATURE

PRINTED NAME



**FORA
RP4472
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
113					SHUTTER_CAL					2.77	
114					CALIBRATE				Positive	1.1	mg/cm ²
115					CALIBRATE				Positive	1	mg/cm ²
116					CALIBRATE				Positive	1.2	mg/cm ²
117	RP 4472	1	OUTSIDE	SOUTH	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
118	RP 4472	1	OUTSIDE	WEST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
119	RP 4472	1	OUTSIDE	SOUTH	DOOR	METAL	TAN	DETERIORATED	Negative	0.17	mg/cm ²
120	RP 4472	1	OUTSIDE	SOUTH	DOOR FRAME	METAL	TAN	DETERIORATED	Positive	1.3	mg/cm ²
121	RP 4472	1	OUTSIDE	SOUTH	HAND RAIL	METAL	TAN	DETERIORATED	Negative	0.29	mg/cm ²
122	RP 4472	1	OUTSIDE	SOUTH	EAVE	CONCRETE	TAN	DETERIORATED	Negative	0	mg/cm ²
123	RP 4472	1	OUTSIDE	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
124	RP 4472	1	OUTSIDE	SOUTH	WALL PANEL	CONCRETE	BEIGE	DETERIORATED	Negative	0.06	mg/cm ²
125	RP 4472	1	OUTSIDE	WEST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
126	RP 4472	1	OUTSIDE	NORTH	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0	mg/cm ²
127	RP 4472	1	OUTSIDE	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
128	RP 4472	1	OUTSIDE	NORTH	WALL PANEL	PLASTER	BEIGE	INTACT	Negative	0.03	mg/cm ²
129	RP 4472	1	OUTSIDE	NORTH	HAND RAIL	METAL	BEIGE	INTACT	Negative	0.09	mg/cm ²
130	RP 4472	1	OUTSIDE	NORTH	WINDOW FRAME	WOOD	BEIGE	INTACT	Negative	0.08	mg/cm ²
131	RP 4472	1	OUTSIDE	NORTH	DOOR	METAL	TAN	INTACT	Negative	0.01	mg/cm ²
132	RP 4472	1	OUTSIDE	NORTH	DOOR FRAME	METAL	TAN	DETERIORATED	Negative	0.13	mg/cm ²
133	RP 4472	1	OUTSIDE	NORTH	VENT	METAL	BEIGE	DETERIORATED	Negative	0.02	mg/cm ²
134	RP 4472	1	OUTSIDE	NORTH	LOUVER	METAL	BEIGE	DETERIORATED	Negative	0.04	mg/cm ²
135	RP 4472	1	OUTSIDE	NORTH	DOOR	WOOD	TAN	DETERIORATED	Negative	0	mg/cm ²
136	RP 4472	1	OUTSIDE	NORTH	DOOR FRAME	METAL	TAN	DETERIORATED	Negative	0.06	mg/cm ²
137	RP 4472	1	OUTSIDE	NORTH	HAND RAIL	METAL	TAN	DETERIORATED	Negative	0.27	mg/cm ²

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**FORA
RP4472
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
138	RP 4472	1	OUTSIDE	EAST	WALL	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
139	RP 4472	1	OUTSIDE	EAST	COLUMN	CONCRETE	BEIGE	DETERIORATED	Negative	0.01	mg/cm ²
140	RP 4472	1	1	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
141	RP 4472	1	1	EAST	BASEBOARD	CERAMIC	BROWN	DETERIORATED	Negative	0.13	mg/cm ²
142	RP 4472	1	1	EAST	DOOR	WOOD	BROWN	DETERIORATED	Negative	0.03	mg/cm ²
143	RP 4472	1	1	EAST	DOOR FRAME	WOOD	BROWN	DETERIORATED	Positive	2.5	mg/cm ²
144	RP 4472	1	1	WEST	RADIATOR	METAL	BROWN	DETERIORATED	Negative	0.2	mg/cm ²
145	RP 4472	1	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
146	RP 4472	1	1	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
147	RP 4472	1	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.05	mg/cm ²
148	RP 4472	1	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.04	mg/cm ²
149	RP 4472	1	1	SOUTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.06	mg/cm ²
150	RP 4472	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.6	mg/cm ²
151	RP 4472	1	1	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.06	mg/cm ²
152	RP 4472	1	1		FLOOR	VINYL	BEIGE	INTACT	Negative	0	mg/cm ²
153	RP 4472	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.12	mg/cm ²
154	RP 4472	1	1	EAST	DOOR	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
155	RP 4472	1	1	EAST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
156	RP 4472	1	1	EAST	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
157	RP 4472	1	1	SOUTH	EXPANSION JOINT	METAL	WHITE	DETERIORATED	Negative	0.07	mg/cm ²
158	RP 4472	1	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Positive	1.3	mg/cm ²
159	RP 4472	1	2	NORTH	WALL	CONCRETE	PINK	INTACT	Negative	0.01	mg/cm ²
160	RP 4472	1	2	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.05	mg/cm ²
161	RP 4472	1	2	NORTH	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.07	mg/cm ²
162	RP 4472	1	2	NORTH	SHELF	WOOD	WHITE	DETERIORATED	Negative	0.09	mg/cm ²

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**FORA
RP4472
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
163	RP 4472	1	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
164	RP 4472	1	3	SOUTH	WALL	CONCRETE	YELLOW	INTACT	Negative	0.26	mg/cm ²
165	RP 4472	1	4	EAST	CABINET	METAL	PINK	DETERIORATED	Negative	0.3	mg/cm ²
166	RP 4472	1	4	EAST	BASEBOARD	CERAMIC	PINK	DETERIORATED	Negative	0.14	mg/cm ²
167	RP 4472	1	4	SOUTH	RADIATOR	METAL	PINK	INTACT	Negative	0.6	mg/cm ²
168	RP 4472	1	4	SOUTH	CHASE	PLASTER	YELLOW	DETERIORATED	Negative	0	mg/cm ²
169	RP 4472	1	5	WEST	WALL	CONCRETE	BLUE	INTACT	Negative	0	mg/cm ²
170	RP 4472	1	6	WEST	WALL	CONCRETE	YELLOW	INTACT	Negative	0.8	mg/cm ²
171	RP 4472	1	6	WEST	COLUMN	CONCRETE	YELLOW	INTACT	Negative	0.7	mg/cm ²
172	RP 4472	1	6	NORTH	CABINET	WOOD	YELLOW	DETERIORATED	Negative	0.7	mg/cm ²
173	RP 4472	1	6	NORTH	DOOR	WOOD	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
174	RP 4472	1	7	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
175	RP 4472	1	7	EAST	COLUMN	CONCRETE	BROWN	INTACT	Negative	0.04	mg/cm ²
176	RP 4472	1	7	NORTH	HVAC	METAL	BROWN	DETERIORATED	Negative	0.2	mg/cm ²
177	RP 4472	1	8	SOUTH	WALL	CONCRETE	BROWN	DETERIORATED	Negative	0	mg/cm ²
178	RP 4472	1	8	SOUTH	WALL	CONCRETE	WHITE	DETERIORATED	Negative	0.01	mg/cm ²
179	RP 4472	1	8	SOUTH	WINDOW SILL	CONCRETE	BROWN	DETERIORATED	Negative	0.01	mg/cm ²
180	RP 4472	1	9	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
181	RP 4472	1	9	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
182	RP 4472	1	9		CEILING	PLASTER	WHITE	DETERIORATED	Negative	0.18	mg/cm ²
183	RP 4472	1	9	NORTH	STALL	METAL	BROWN	INTACT	Negative	0.02	mg/cm ²
184	RP 4472	1	9		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
185	RP 4472	1	9		FLOOR	CERAMIC	BROWN, LIGHT	INTACT	Negative	0.01	mg/cm ²
186	RP 4472	1	9		HVAC	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
187	RP 4472	1	10	NORTH	HVAC	METAL	WHITE	INTACT	Negative	0.06	mg/cm ²

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**FORA
RP4472
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
188	RP 4472	1	10	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.03	mg/cm ²
189	RP 4472	1	10	NORTH	WAINSCOT	WOOD	VARNISH	INTACT	Negative	0.01	mg/cm ²
190	RP 4472	1	10	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.07	mg/cm ²
191	RP 4472	1	11	NORTH	WALL	WOOD	WHITE	INTACT	Negative	0.2	mg/cm ²
192	RP 4472	1	11	NORTH	TRIM	WOOD	BLUE, LIGHT	INTACT	Negative	0.01	mg/cm ²
193	RP 4472	1	11	EAST	CABINET	METAL	BLUE, LIGHT	DETERIORATED	Negative	0.01	mg/cm ²
194	RP 4472	1	11	SOUTH	DOOR FRAME	METAL	BLUE, LIGHT	DETERIORATED	Negative	0.5	mg/cm ²
195	RP 4472	1	STAIRWELL E	WEST	DOOR FRAME	METAL	BROWN	DETERIORATED	Positive	1	mg/cm ²
196	RP 4472	1	STAIRWELL E	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
197	RP 4472	1	STAIRWELL E	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
198	RP 4472	1	STAIRWELL E	SOUTH	STAIRS	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
199	RP 4472	1	STAIRWELL E		HAND RAIL	METAL	BROWN	INTACT	Positive	5.9	mg/cm ²
200	RP 4472	1	STAIRWELL E	SOUTH	RISER	CONCRETE	YELLOW	DETERIORATED	Positive	4.7	mg/cm ²
201	RP 4472	1	STAIRWELL E		CEILING	CONCRETE	WHITE	DETERIORATED	Negative	0.02	mg/cm ²
202	RP 4472	2	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
203	RP 4472	2	1	EAST	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
204	RP 4472	2	1	EAST	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0.04	mg/cm ²
205	RP 4472	2	1	EAST	DOOR	WOOD	BROWN	INTACT	Negative	0.01	mg/cm ²
206	RP 4472	2	1	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.06	mg/cm ²
207	RP 4472	2	1	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.05	mg/cm ²
208	RP 4472	2	1	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
209	RP 4472	2	2	NORTH	COLUMN	PLASTER	WHITE	INTACT	Negative	0	mg/cm ²
210	RP 4472	2	2	NORTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
211	RP 4472	2	2	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
212	RP 4472	2	2	EAST	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.05	mg/cm ²

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**FORA
RP4472
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
213	RP 4472	2	2	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.11	mg/cm ²
214	RP 4472	2	2	SOUTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.07	mg/cm ²
215	RP 4472	2	3	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
216	RP 4472	2	3	SOUTH	WINDOW SILL	CONCRETE	WHITE	DETERIORATED	Negative	0	mg/cm ²
217	RP 4472	2	3	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
218	RP 4472	2	4	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
219	RP 4472	2	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
220	RP 4472	2	5	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0.18	mg/cm ²
221	RP 4472	2	5	WEST	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
222	RP 4472	2	5		CEILING	PLASTER	WHITE	INTACT	Negative	0.03	mg/cm ²
223	RP 4472	2	5		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
224	RP 4472	3	1		CEILING	CONCRETE	WHITE	INTACT	Negative	0.01	mg/cm ²
225	RP 4472	3	1	EAST	WALL	CONCRETE	WHITE	INTACT	Negative	0.5	mg/cm ²
226	RP 4472	3	1	NORTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.7	mg/cm ²
227	RP 4472	3	1	SOUTH	DOOR	METAL	BROWN	INTACT	Negative	0.04	mg/cm ²
228	RP 4472	3	2	SOUTH	DOOR	WOOD	BROWN	INTACT	Negative	0.17	mg/cm ²
229	RP 4472	3	2	SOUTH	DOOR FRAME	METAL	BROWN	DETERIORATED	Negative	0.02	mg/cm ²
230	RP 4472	3	2	NORTH	WINDOW SILL	CONCRETE	BROWN	INTACT	Negative	0.01	mg/cm ²
231	RP 4472	3	2	NORTH	COLUMN	CONCRETE	BROWN	INTACT	Negative	0	mg/cm ²
232	RP 4472	3	2	WEST	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
233	RP 4472	3	3	NORTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
234	RP 4472	3	3	NORTH	BASEBOARD	CERAMIC	BROWN	INTACT	Negative	0.04	mg/cm ²
235	RP 4472	3	3	WEST	COLUMN	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
236	RP 4472	3	3	SOUTH	WALL	WOOD	WHITE	INTACT	Negative	0.15	mg/cm ²
237	RP 4472	3	3	SOUTH	TRIM	WOOD	BROWN	INTACT	Negative	0.03	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

**FORA
RP4472
XRF Sequential Report**

Reading No	Building	Floor	Room	Side	Component	Substrate	Color	Condition	Results	PbC	Units
238	RP 4472	3	3	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
239	RP 4472	3	3	SOUTH	RADIATOR	METAL	WHITE	INTACT	Negative	0.02	mg/cm ²
240	RP 4472	3	4	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0.22	mg/cm ²
241	RP 4472	3	4	SOUTH	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
242	RP 4472	3	4		CEILING	PLASTER	WHITE	INTACT	Negative	0.05	mg/cm ²
243	RP 4472	3	4		CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
244	RP 4472	3	4		FLOOR	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
245	RP 4472	3	4	WEST	BASEBOARD	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
246	RP 4472	3	5	SOUTH	WALL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
247	RP 4472	3	5	SOUTH	WINDOW SILL	CONCRETE	WHITE	INTACT	Negative	0	mg/cm ²
248	RP 4472	3	5	SOUTH	COLUMN	CONCRETE	WHITE	INTACT	Negative	0.02	mg/cm ²
249	RP 4472	3	5	NORTH	DOOR	WOOD	BROWN	INTACT	Negative	0.12	mg/cm ²
250	RP 4472	3	5	NORTH	DOOR FRAME	METAL	BROWN	INTACT	Negative	0.03	mg/cm ²
251					CALIBRATE				Positive	1	mg/cm ²
252					CALIBRATE				Positive	1.1	mg/cm ²
253					CALIBRATE				Positive	1.1	mg/cm ²
135					CALIBRATE				Positive	1.1	mg/cm ²
136					CALIBRATE				Negative	0.9	mg/cm ²
137					CALIBRATE				Positive	1.1	mg/cm ²
195	RP 4472	ROOF	OUTSIDE		PIPE	METAL	GRAY	INTACT	Positive	82.8	mg/cm ²
347					CALIBRATE				Positive	1	mg/cm ²
348					CALIBRATE				Positive	1	mg/cm ²
349					CALIBRATE				Positive	1.1	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

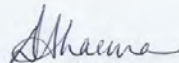
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-71490-1
Client Project/Site: Building RP4472

For:
Vista Environmental Consulting, Inc
2984 Teagarden Street
San Leandro, California 94577

Attn: Chris Burns



Authorized for release by:
4/26/2016 4:01:04 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Job ID: 720-71490-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-71490-1

Comments

No additional comments.

Receipt

The sample was received on 4/12/2016 1:50 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.5° C.

GC Semi VOA

Method 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: RP4472-PCBB01 (720-71490-1), (LCS 720-201032/2-A) and (MB 720-201032/1-A).

Method 8082: The following sample required a dilution due to the nature of the sample matrix: RP4472-PCBB01 (720-71490-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Client Sample ID: RP4472-PCBB01

Lab Sample ID: 720-71490-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	580000000		300000000		ug/Kg	20000		8082	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Client Sample ID: RP4472-PCBB01

Lab Sample ID: 720-71490-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:29	20000
PCB-1221	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:29	20000
PCB-1232	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:29	20000
PCB-1242	580000000		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:29	20000
PCB-1248	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:29	20000
PCB-1254	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:29	20000
PCB-1260	ND		300000000		ug/Kg		04/23/16 13:16	04/25/16 17:29	20000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	0	X D	32 - 112				04/23/16 13:16	04/25/16 17:29	20000
<i>DCB Decachlorobiphenyl</i>	0	X D	2 - 122				04/23/16 13:16	04/25/16 17:29	20000

Surrogate Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (32-112)	DCB1 (2-122)
720-71490-1	RP4472-PCBB01	0 X D	0 X D
LCS 720-201032/2-A	Lab Control Sample	78	93
MB 720-201032/1-A	Method Blank	69	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Vista Environmental Consulting, Inc
 Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-201032/1-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1221	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1232	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1242	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1248	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1254	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1
PCB-1260	ND		50		ug/Kg		04/23/16 13:16	04/25/16 14:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		32 - 112	04/23/16 13:16	04/25/16 14:59	1
DCB Decachlorobiphenyl	89		2 - 122	04/23/16 13:16	04/25/16 14:59	1

Lab Sample ID: LCS 720-201032/2-A

Matrix: Solid

Analysis Batch: 201040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	133	117		ug/Kg		87	55 - 112
PCB-1260	133	119		ug/Kg		89	65 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		32 - 112
DCB Decachlorobiphenyl	93		2 - 122

QC Association Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

GC Semi VOA

Prep Batch: 201032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71490-1	RP4472-PCBB01	Total/NA	Solid	3550B	
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 720-201032/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 201040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-71490-1	RP4472-PCBB01	Total/NA	Solid	8082	201032
LCS 720-201032/2-A	Lab Control Sample	Total/NA	Solid	8082	201032
MB 720-201032/1-A	Method Blank	Total/NA	Solid	8082	201032



Lab Chronicle

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Client Sample ID: RP4472-PCBB01

Lab Sample ID: 720-71490-1

Date Collected: 04/12/16 11:00

Matrix: Solid

Date Received: 04/12/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			201032	04/23/16 13:16	BSY	TAL PLS
Total/NA	Analysis	8082		20000	201040	04/25/16 17:29	DCH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-17

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Vista Environmental Consulting, Inc
Project/Site: Building RP4472

TestAmerica Job ID: 720-71490-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-71490-1	RP4472-PCBB01	Solid	04/12/16 11:00	04/12/16 13:50

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TestAmerica Pleasanton
1220 Quarry Lane

720-71490

Chain of Custody Record


167883

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Chris Burns		Site Contact:		Date:	
Vista Environmental Consulting 2984 Teagarden Street San Leandro, CA 94577 510-346-8860 888-296-0271 FAX FORA		Telfax:		Lab Contact:		Carrier:	
Analysis Turnaround Time		TAT if different from Below		Filtered Sample (Y/N)		COC No.:	
<input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS		161091001		Perform MS / MSD (Y / N)		of COCs	
1 week		Sample Date		8082 (3650 B or C)		Sampler:	
2 weeks		Sample Time				For Lab Use Only:	
1 day		Type (C=Comp, G=Grab)				Walk-in Client:	
2 days		Matrix				Lab Sampling:	
1 day		# of Cont				Job / SDG No.:	
Sample Identification		Sample Date		1		Sample Specific Notes:	
RP4472 PCB801		4/8/2016		Solid			
720-71490 Chain of Custody		1100 G					
							
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other		1					
Possible Hazard Identification:							
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Dispose by Lab <input type="checkbox"/> Archive for _____ Months							
Special Instructions/QC Requirements & Comments: Please email report to chrisburns@vista-env.com & moli@vista-env.com							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cofc/Imp. (C): Obs'd:		Therm ID No.:	
Relinquished by: <i>[Signature]</i>		Vista		Received by: <i>[Signature]</i>		Company: VISTA	
Relinquished by: <i>[Signature]</i>		VISTA		Date/Time: 04/12/16 0700		Date/Time: 04/12/16 0900	
Relinquished by: <i>[Signature]</i>		VISTA		Date/Time: 04/10/16 1350		Date/Time: 4/12/16 1350	

950c

Login Sample Receipt Checklist

Client: Vista Environmental Consulting, Inc

Job Number: 720-71490-1

Login Number: 71490

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30736347	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	300	mg/kg	50	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 10	mg/kg	10	EPA 3050B/6010B
		Co	99	mg/kg	5	EPA 3050B/6010B
		Cr	30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	8.3	mg/kg	0.5	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	360	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 50	mg/kg	50	EPA 3050B/6010B
		V	11	mg/kg	8	EPA 3050B/6010B
		Zn	2600	mg/kg	100	EPA 3050B/6010B



Metals Analysis of Paints

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171134
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-02	30736348	Ag	< 30	mg/kg	30	EPA 3050B/6010B
		As	< 20	mg/kg	20	EPA 3050B/6010B
		Ba	90	mg/kg	60	EPA 3050B/6010B
		Be	< 30	mg/kg	30	EPA 3050B/6010B
		Cd	< 20	mg/kg	20	EPA 3050B/6010B
		Co	17	mg/kg	6	EPA 3050B/6010B
		Cr	< 30	mg/kg	30	EPA 3050B/6010B
		Cu	< 8	mg/kg	8	EPA 3050B/6010B
		Hg	33	mg/kg	3	EPA 7471A
		Mo	< 20	mg/kg	20	EPA 3050B/6010B
		Ni	< 20	mg/kg	20	EPA 3050B/6010B
		Pb	120	mg/kg	20	EPA 3050B/6010B
		Sb	< 20	mg/kg	20	EPA 3050B/6010B
		Se	< 30	mg/kg	30	EPA 3050B/6010B
		Tl	< 60	mg/kg	60	EPA 3050B/6010B
		V	14	mg/kg	8	EPA 3050B/6010B
		Zn	840	mg/kg	60	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171609
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737924	Pb	190	mg/l	40	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737925	Pb	1.8	mg/l	0.7	CWET/EPA 7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

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Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171606
Date Received: 04/28/16
Date Analyzed: 05/05/16
Date Printed: 05/05/16
First Reported: 05/05/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-01	30737916	Pb	21	mg/l	0.9	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					
RP-T22-02	30737917	Pb	< 0.3	mg/l	0.3	TCLP EPA 1311/7420
Comment :	Sample particle size not fully reduced as stated in published method due to unusual sample contents.					

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-03	30736349	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	< 10	mg/kg	10	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	< 2	mg/kg	2	EPA 3050B/6010B
		Cr	< 2	mg/kg	2	EPA 3050B/6010B
		Cu	< 3	mg/kg	3	EPA 3050B/6010B
		Hg	0.11	mg/kg	0.05	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	< 3	mg/kg	3	EPA 3050B/6010B
		Pb	< 3	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	< 2	mg/kg	2	EPA 3050B/6010B
		Zn	< 10	mg/kg	10	EPA 3050B/6010B

Metals Analysis of Bulks - TTLC

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171012
Date Received: 04/13/16
Date Analyzed: 04/19/16
Date Printed: 04/20/16
First Reported: 04/20/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30736350	Ag	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		As	< 4	mg/kg	4	EPA 3050B/6010B
		Ba	1800	mg/kg	50	EPA 3050B/6010B
		Be	< 0.5	mg/kg	0.5	EPA 3050B/6010B
		Cd	< 2	mg/kg	2	EPA 3050B/6010B
		Co	3	mg/kg	2	EPA 3050B/6010B
		Cr	12	mg/kg	2	EPA 3050B/6010B
		Cu	26	mg/kg	3	EPA 3050B/6010B
		Hg	4.2	mg/kg	0.5	EPA 7471A
		Mo	< 5	mg/kg	5	EPA 3050B/6010B
		Ni	9	mg/kg	3	EPA 3050B/6010B
		Pb	6	mg/kg	3	EPA 3050B/6010B
		Sb	< 4	mg/kg	4	EPA 3050B/6010B
		Se	< 5	mg/kg	5	EPA 3050B/6010B
		Tl	< 20	mg/kg	20	EPA 3050B/6010B
		V	22	mg/kg	2	EPA 3050B/6010B
		Zn	40	mg/kg	10	EPA 3050B/6010B

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of STLC Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171381
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737286	Hg	0.03	mg/l	0.02	CWET/EPA 7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of TCLP Extract

Vista Environmental Consultants
Project Manager
2984 Teagarden St.

San Leandro, CA 94577

Client ID: L1161
Report Number: M171380
Date Received: 04/25/16
Date Analyzed: 05/02/16
Date Printed: 05/02/16
First Reported: 05/02/16

Job ID / Site: 161091001 - FORA, RP
Date(s) Collected: 4/12/16

FALI Job ID: L1161
Total Samples Submitted: 1
Total Samples Analyzed: 1

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
RP-T22-04	30737285	Hg	< 0.02	mg/l	0.02	TCLP EPA 1311/7470A
Comment : Sample particle size not fully reduced as stated in published method due to unusual sample contents.						

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

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Client Name & Address:		P.O. #: 161091001	Date: 4/12/16
Vista Environmental Consulting		Turn Around Time: <input type="checkbox"/> hr / <input type="checkbox"/> 12hr / <input type="checkbox"/> 24hr / <input type="checkbox"/> 48hr / <input checked="" type="checkbox"/> Ext: 5 Day	
2984 Teagarden Street		Due Date: _____ Due Time: _____	
San Leandro, CA 94577		<input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 <input type="checkbox"/> PCM: NIOSH 7400 <input type="checkbox"/> Point Count 1000	
Contact: Chris Burns	<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402		
Phone #: (510) 346-8860	<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield		
Fax #: (888) 296-0271	<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Wt %		
Site: FORA	<input type="checkbox"/> TEM Microvac		
Job: RP	<input type="checkbox"/> Special Project:		
Comments / Email Reports To: chrisburns@vista-env.com & molli@vista-env.com		<input checked="" type="checkbox"/> Metals Analysis: Method <u>WASTE</u> Matrix: <u>Solid</u> Analytes: <u>CAM17</u>	

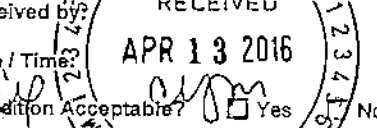
Hold for possible TELP/STCC

Sample ID	Date/Time	Sample Location/Description	FOR AIR SAMPLES ONLY				Sample Area or Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
RP - T22-01	4/12/16 1400	Paint Interior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-02	4/12/16 1400	Paint Exterior	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-03	4/12/16 1400	Ceramic Tiles/Mortar Bed	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
RP - T22-04	4/12/16 1400	95 % CMU, 4% Roofing, 1% Wallboard/Plaster/Stucco/Painted Wood/ Unpainted Wood <i>(90 by wt)</i>	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled by: Chris Burns Date: 4/12/16 Time: 1400

Shipped via: Fed Ex Airborne UPS US Mail Courier Drop Off Other: _____

Relinquished by:  Date / Time: <u>4/12/16 1430</u>	Relinquished by: _____ Date / Time: _____	Relinquished by: _____ Date / Time: _____
--	--	--

Received by:  Date / Time: _____ Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Received by: _____ Date / Time: _____ Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No
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